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SENSOR ACTOR LINE CONNECTORS

CONEC®

TECHNOLOGY IN CONNECTORS™



BUS-Connectors
MECH. ENGINEERING
field attachable
COMMUNICATIONS

POWER
Sockets
SENSORS

M8 / M12 / 7 / 8" / RND24
AUTOMATION
Customized

CONEC®

TECHNOLOGY IN CONNECTORS™

As a leading connector manufacturer CONEC develops, produces and markets connectors worldwide for the application fields: industrial electronics, telecommunications, automation, automotive, aerospace and medical.



CONEC Germany, Lippstadt



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At the headquarters in Lippstadt CONEC maintain a large research and development department, its own tool making department, CNC-turning department and a synthetics injection moulding plant. CONEC is a global player with its own subsidiaries or production sites in Canada, the USA, China, Czech Republic, Poland, France and the UK.



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SECTION 1

CONNECTORS OVERMOULDED





SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

Nomenclature

S A L - 8 - R K W S 3 - 3 L - 3 / A 1 / 034

SAL
Sensor Actor Line

Installation size
8 = M8x1/Ø8 mm

Coding
= Standard
B = B-coded S = A-coded, shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Version
F = Thread fixed

Locking type
= Screwable
S = Snap-in
U = Screwable/Snap-in

Number of poles
3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

LED-display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
A1 = PVC, grey
K1 = TPU, black, high flexible, halogenfree, UL
G2 = TPU, black, shielded, UL
G3 = PVC, grey, shielded, UL
H5 = TPU, black, flexible, halogenfree UL

Wire cross-section
034 = 0.34 mm²
05 = 0.5 mm²

SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94
Overmould standard configuration	TPU, UL 94, grey
Overmould LED-display configuration	TPU, UL translucent
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-104
Current rating	IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0.4 Nm

Technical subject to change without notice.

SAL M12x1 CONNECTORS OVERMOULDED

Nomenclature

S A L - 1 2 - R K W 4 - 3 L - 3 / A 1

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
= A-coding
C = C-coding
S = A-coding shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.
6 = 6-pos.
8 = 8-pos.
12 = 12-pos.

LED-display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
A1 = PVC, grey
A3 = PVC, grey, UL
G2 = TPU, black, shielded, UL
G3 = PVC, grey, shielded, UL
J1 = TPU, orange, irradiated, halogenfree, UL
K1 = TPU, black, high flexible, halogenfree, UL

SAL M12x1 CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94
Overmould standard configuration	TPU, UL 94, grey
Overmould LED-display configuration	TPU, UL 94, transluzent
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0,6 Nm

Technical subject to change without notice.

SAL 7/8" CONNECTORS OVERMOULDED

Nomenclature

S A L - 7 / 8 - R K W 4 - 2 / A 3 / 150

SAL
Sensor Actor Line

Installation size
7/8 = 7/8"

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
2PE = 2-pos. + PE
4 = 4-pos.
4PE = 4-pos. + PE

Cable length
XX = Length [m]

Cable quality
A3 = PVC, grey, 300 V, UL
A6 = PVC, grey, 600 V, UL
K1 = TPU, black, 300 V, UL
K0 = TPU, black, 600 V, UL

Wire cross-section
= 0.75 mm²
150 = 1.5 mm²
250 = 2.5 mm²

SAL 7/8" CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94
Overmould	TPU, UL 94
Coupling nut/-screw	CuZn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2,7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL RUND24 CONNECTORS OVERMOULDED

Nomenclature

S A L - 2 4 - R K W 3 P E - 2 / A 3

SAL
Sensor Actor Line

Installation size
24 = Rund24

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3PE = 3-pos. + PE

Cable length
XX = Length [m]

Cable quality
A3 = PVC, grey, UL

SAL RUND24 CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, silver plated
Contact carrier	PA GF, UL 94
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	PA GF, UL 94

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

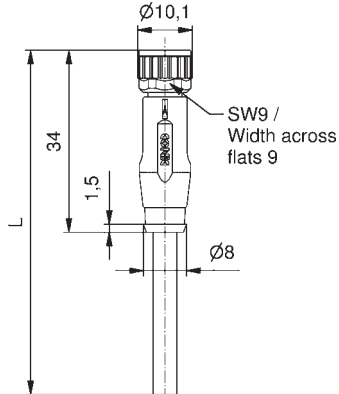
M8x1 CONNECTORS OVERMOULDED Screwable

Female connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	3	0,25	2	SAL-8-RK3-2 / A1	42-10000
					3	SAL-8-RK3-3 / A1	42-10001
					5	SAL-8-RK3-5 / A1	42-10002
					10	SAL-8-RK3-10 / A1	42-10003
4	50 V AC / 60 V DC	3	3	0,25	2	SAL-8-RK4-2 / A1	42-10032
					3	SAL-8-RK4-3 / A1	42-10033
					5	SAL-8-RK4-5 / A1	42-10034
					10	SAL-8-RK4-10 / A1	42-10035
5	B	30	3	0,25	2	SAL-8B-RK5.1-2 / A1	42-11104
					3	SAL-8B-RK5.1-3 / A1	42-11105
					5	SAL-8B-RK5.1-5 / A1	42-11106
					10	SAL-8B-RK5.1-10 / A1	42-11107
8	A	30	1,5	0,14	2	SAL-8-RK8-2 / A1	42-11226
					3	SAL-8-RK8-3 / A1	42-11227
					5	SAL-8-RK8-5 / A1	42-11228
					10	SAL-8-RK8-10 / A1	42-11229



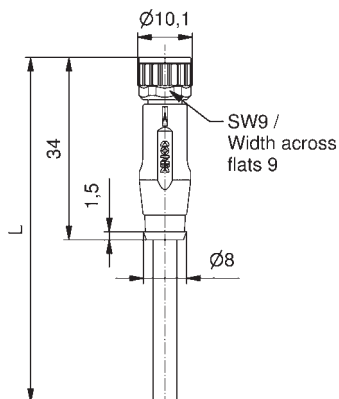
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8

3	50 V AC / 60 V DC	3	3	0,25	2	SAL-8-RK3-2 / K1	42-10004
					3	SAL-8-RK3-3 / K1	42-10005
					5	SAL-8-RK3-5 / K1	42-10006
					10	SAL-8-RK3-10 / K1	42-10007
4	50 V AC / 60 V DC	3	3	0,25	2	SAL-8-RK4-2 / K1	42-10036
					3	SAL-8-RK4-3 / K1	42-10037
					5	SAL-8-RK4-5 / K1	42-10038
					10	SAL-8-RK4-10 / K1	42-10039
5	B	30	3	0,25	2	SAL-8B-RK5.1-2 / K1	42-11096
					3	SAL-8B-RK5.1-3 / K1	42-11097
					5	SAL-8B-RK5.1-5 / K1	42-11098
					10	SAL-8B-RK5.1-10 / K1	42-11099
5	B	30	3x1,5 2x3	3x0,14 2x0,34	2	SAL-8B-RK5.1-2 / H5	42-13031
					3	SAL-8B-RK5.1-3 / H5	42-13032
					5	SAL-8B-RK5.1-5 / H5	42-13033
					10	SAL-8B-RK5.1-10 / H5	42-13034
8	A	30	1,5	0,14	2	SAL-8-RK8-2 / K1	42-11175
					3	SAL-8-RK8-3 / K1	42-11176
					5	SAL-8-RK8-5 / K1	42-11177
					10	SAL-8-RK8-10 / K1	42-11178

M8x1 CONNECTORS OVERMOULDED
Screwable, wire cross section 0.5 mm²

Female connector axial

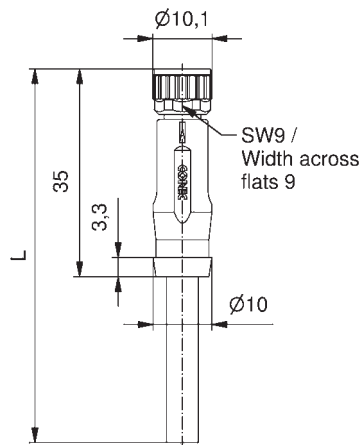
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK3-2 / A1 / 05	42-12226
					3	SAL-8-RK3-3 / A1 / 05	42-12227
					5	SAL-8-RK3-5 / A1 / 05	42-12228
					10	SAL-8-RK3-10 / A1 / 05	42-12229
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK4-2 / A1 / 05	42-12266
					3	SAL-8-RK4-3 / A1 / 05	42-12267
					5	SAL-8-RK4-5 / A1 / 05	42-12268
					10	SAL-8-RK4-10 / A1 / 05	42-12269



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■



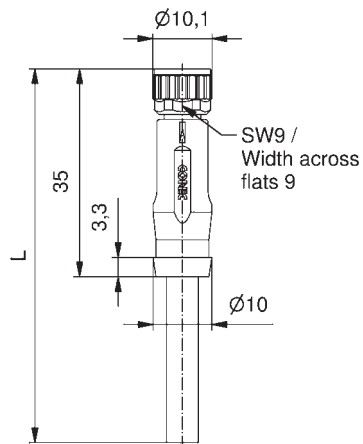
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK3-2 / K1 / 05	42-12230
					3	SAL-8-RK3-3 / K1 / 05	42-12231
					5	SAL-8-RK3-5 / K1 / 05	42-12232
					10	SAL-8-RK3-10 / K1 / 05	42-12233
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK4-2 / K1 / 05	42-12270
					3	SAL-8-RK4-3 / K1 / 05	42-12271
					5	SAL-8-RK4-5 / K1 / 05	42-12272
					10	SAL-8-RK4-10 / K1 / 05	42-12273



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

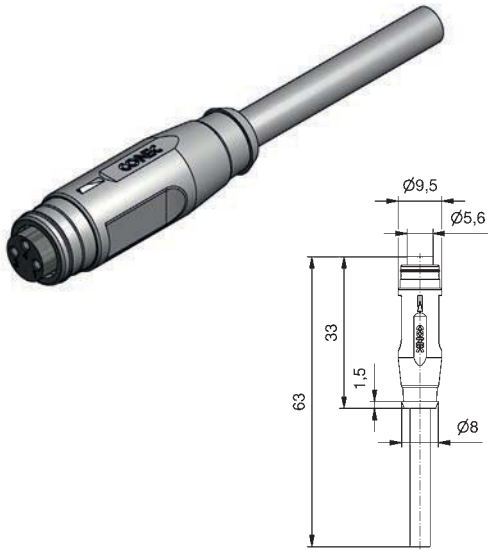
M8x1 CONNECTORS OVERMOULDED Snap-in

Female connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RKS3-2/A1	42-10064
					3	SAL-8-RKS3-3/A1	42-10065
					5	SAL-8-RKS3-5/A1	42-10066
					10	SAL-8-RKS3-10/A1	42-10067
4	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RKS4-2/A1	42-10096
					3	SAL-8-RKS4-3/A1	42-10097
					5	SAL-8-RKS4-5/A1	42-10098
					10	SAL-8-RKS4-10/A1	42-10099
5	B	30	3	0,25	2	SAL-8B-RKS5.1-2/A1	42-11108
					3	SAL-8B-RKS5.1-3/A1	42-11109
					5	SAL-8B-RKS5.1-5/A1	42-11110
					10	SAL-8B-RKS5.1-10/A1	42-11111



TPU, UL, halogenfree, black, Li9Y11Y

3	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RKS3-2/K1	42-10068
					3	SAL-8-RKS3-3/K1	42-10069
					5	SAL-8-RKS3-5/K1	42-10070
					10	SAL-8-RKS3-10/K1	42-10071
4	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RKS4-2/K1	42-10100
					3	SAL-8-RKS4-3/K1	42-10101
					5	SAL-8-RKS4-5/K1	42-10102
					10	SAL-8-RKS4-10/K1	42-10103
5	B	30	3	0,25	2	SAL-8B-RKS5.1-2/K1	42-11100
					3	SAL-8B-RKS5.1-3/K1	42-11101
					5	SAL-8B-RKS5.1-5/K1	42-11102
					10	SAL-8B-RKS5.1-10/K1	42-11103



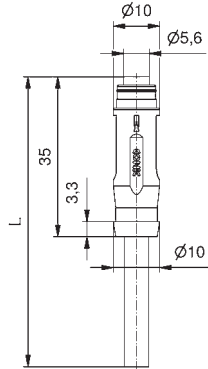
M8x1 CONNECTORS OVERMOULDED
Snap-in, wire cross section 0.5 mm²

Female connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RKS3-2 / A1 / 05	42-13043
					3	SAL-8-RKS3-3 / A1 / 05	42-13044
					5	SAL-8-RKS3-5 / A1 / 05	42-13045
					10	SAL-8-RKS3-10 / A1 / 05	42-13046
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RKS4-2 / A1 / 05	42-13051
					3	SAL-8-RKS4-3 / A1 / 05	42-13052
					5	SAL-8-RKS4-5 / A1 / 05	42-13053
					10	SAL-8-RKS4-10 / A1 / 05	42-13054

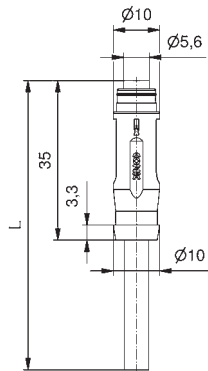


Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RKS3-2 / K1 / 05	42-13047
					3	SAL-8-RKS3-3 / K1 / 05	42-13048
					5	SAL-8-RKS3-5 / K1 / 05	42-13049
					10	SAL-8-RKS3-10 / K1 / 05	42-13050
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RKS4-2 / K1 / 05	42-13055
					3	SAL-8-RKS4-3 / K1 / 05	42-13056
					5	SAL-8-RKS4-5 / K1 / 05	42-13057
					10	SAL-8-RKS4-10 / K1 / 05	42-13058



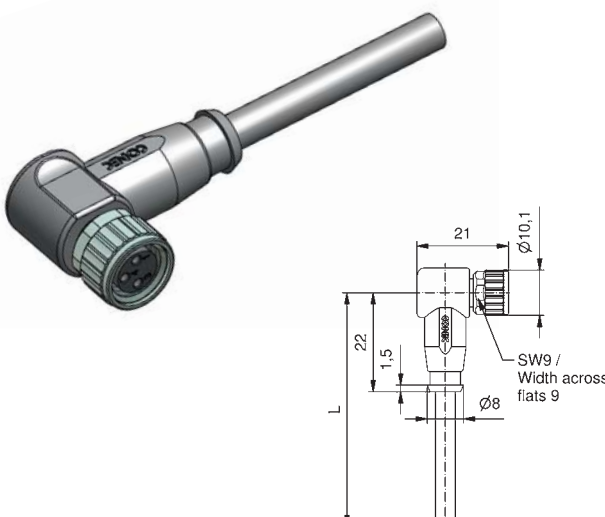












Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

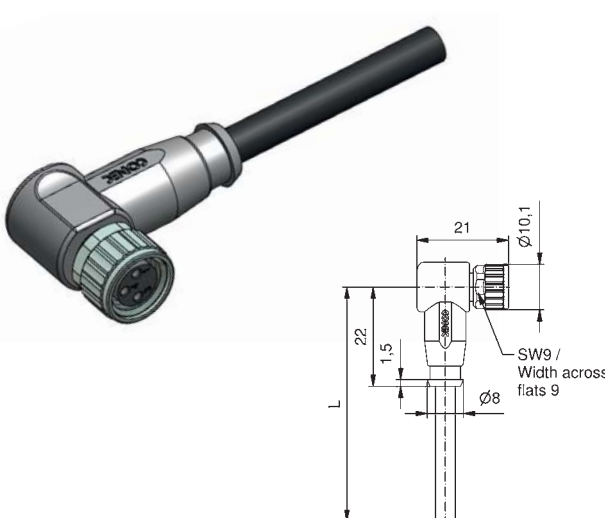












M8x1 CONNECTORS OVERMOULDED Screwable

Female connector angled

PVC, grey, LiYY

Material	Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.	
	Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3		0,25	SAL-8-RKW3-2 / A1	42-10016	
								SAL-8-RKW3-3 / A1	42-10017	
								SAL-8-RKW3-5 / A1	42-10018	
								SAL-8-RKW3-10 / A1	42-10019	
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3			0,25	SAL-8-RKW4-2 / A1	42-10048
									SAL-8-RKW4-3 / A1	42-10049
									SAL-8-RKW4-5 / A1	42-10050
									SAL-8-RKW4-10 / A1	42-10051
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3			0,25	SAL-8B-RKW5.1-2 / A1	42-11751
									SAL-8B-RKW5.1-3 / A1	42-11752
									SAL-8B-RKW5.1-5 / A1	42-11753
									SAL-8B-RKW5.1-10 / A1	42-11754

TPU, UL, halogenfree, black, Li9Y11Y

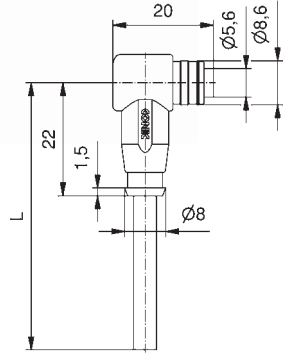
	Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3		0,25	SAL-8-RKW3-2 / K1	42-10020	
								SAL-8-RKW3-3 / K1	42-10021	
								SAL-8-RKW3-5 / K1	42-10022	
								SAL-8-RKW3-10 / K1	42-10023	
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3			0,25	SAL-8-RKW4-2 / K1	42-10052
									SAL-8-RKW4-3 / K1	42-10053
									SAL-8-RKW4-5 / K1	42-10054
									SAL-8-RKW4-10 / K1	42-10055
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3			0,25	SAL-8B-RKW5.1-2 / K1	42-11748
									SAL-8B-RKW5.1-3 / K1	42-11749
									SAL-8B-RKW5.1-5 / K1	42-11656
									SAL-8B-RKW5.1-10 / K1	42-11750

M8x1 CONNECTORS OVERMOULDED Snap-in

Female connector angled

PVC, grey, LiYY

Contact assignment

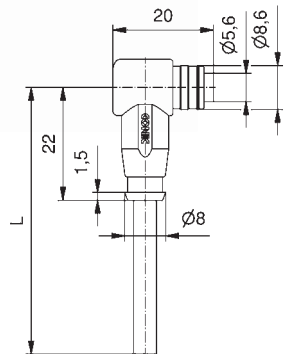


- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RKWS3-2 / A1	42-10080
					3	SAL-8-RKWS3-3 / A1	42-10081
					5	SAL-8-RKWS3-5 / A1	42-10082
					10	SAL-8-RKWS3-10 / A1	42-10083
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RKWS4-2 / A1	42-10112
					3	SAL-8-RKWS4-3 / A1	42-10113
					5	SAL-8-RKWS4-5 / A1	42-10114
					10	SAL-8-RKWS4-10 / A1	42-10115

TPU, UL, halogenfree, black, Li9Y11Y



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RKWS3-2 / K1	42-10084
					3	SAL-8-RKWS3-3 / K1	42-10085
					5	SAL-8-RKWS3-5 / K1	42-10086
					10	SAL-8-RKWS3-10 / K1	42-10087
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RKWS4-2 / K1	42-10116
					3	SAL-8-RKWS4-3 / K1	42-10117
					5	SAL-8-RKWS4-5 / K1	42-10118
					10	SAL-8-RKWS4-10 / K1	42-10119

M8x1 CONNECTORS OVERMOULDED
Screwable, angled with LED

Female connector angled with 2 LED

PVC, grey, LiYY

Contact assignment

Number of poles

Coding

Rated voltage [V]

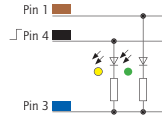
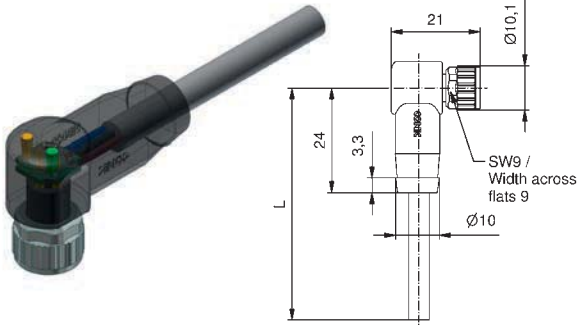
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



3

30

3

0,25

SAL-8-RKW3-2L-2 / A1

42-10452

SAL-8-RKW3-2L-3 / A1

42-10453

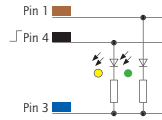
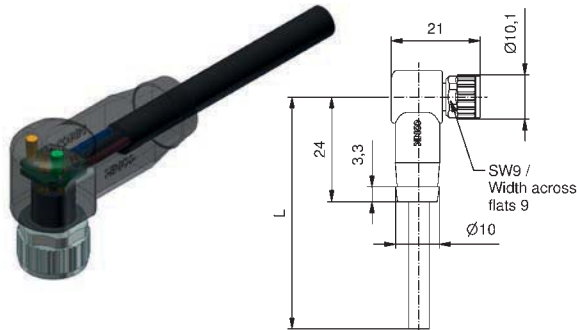
SAL-8-RKW3-2L-5 / A1

42-10454

SAL-8-RKW3-2L-10 / A1

42-10455

TPU, UL, halogenfree, black, Li9Y11Y



3

30

3

0,25

SAL-8-RKW3-2L-2 / K1

42-10456

SAL-8-RKW3-2L-3 / K1

42-10457

SAL-8-RKW3-2L-5 / K1

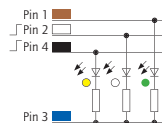
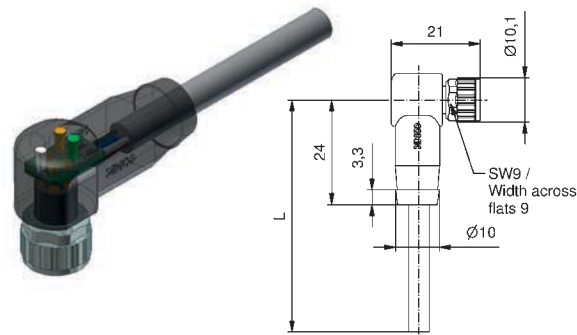
42-10458

SAL-8-RKW3-2L-10 / K1

42-10459

Female connector angled with 3 LED

PVC, grey, LiYY



4

30

3

0,25

SAL-8-RKW4-3L-2 / A1

42-10460

SAL-8-RKW4-3L-3 / A1

42-10461

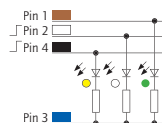
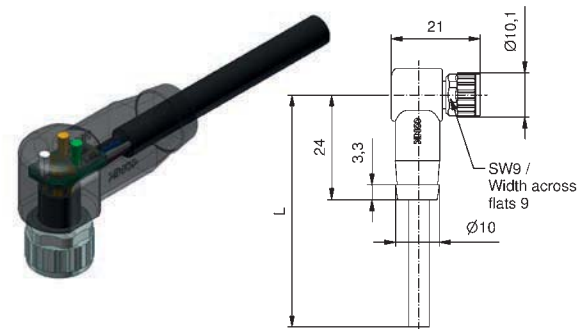
SAL-8-RKW4-3L-5 / A1

42-10462

SAL-8-RKW4-3L-10 / A1

42-10463

TPU, UL, halogenfree, black, Li9Y11Y



4

30

3

0,25

SAL-8-RKW4-3L-2 / K1

42-10464

SAL-8-RKW4-3L-3 / K1

42-10465

SAL-8-RKW4-3L-5 / K1

42-10466

SAL-8-RKW4-3L-10 / K1

42-10467

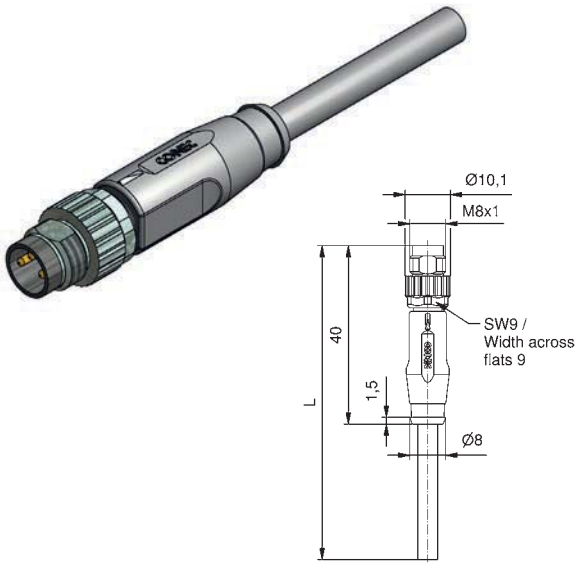
M8x1 CONNECTORS OVERMOULDED Screwable

Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RS3-2 / A1	42-10008
					3	SAL-8-RS3-3 / A1	42-10009
					5	SAL-8-RS3-5 / A1	42-10010
					10	SAL-8-RS3-10 / A1	42-10011
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RS4-2 / A1	42-10040
					3	SAL-8-RS4-3 / A1	42-10041
					5	SAL-8-RS4-5 / A1	42-10042
					10	SAL-8-RS4-10 / A1	42-10043
5	B	30	3	0,25	2	SAL-8B-RS5.1-2 / A1	42-11120
					3	SAL-8B-RS5.1-3 / A1	42-11121
					5	SAL-8B-RS5.1-5 / A1	42-11122
					10	SAL-8B-RS5.1-10 / A1	42-11123
8	A	30	1,5	0,14	2	SAL-8-RS8-2 / A1	42-11230
					3	SAL-8-RS8-3 / A1	42-11231
					5	SAL-8-RS8-5 / A1	42-11232
					10	SAL-8-RS8-10 / A1	42-11233



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

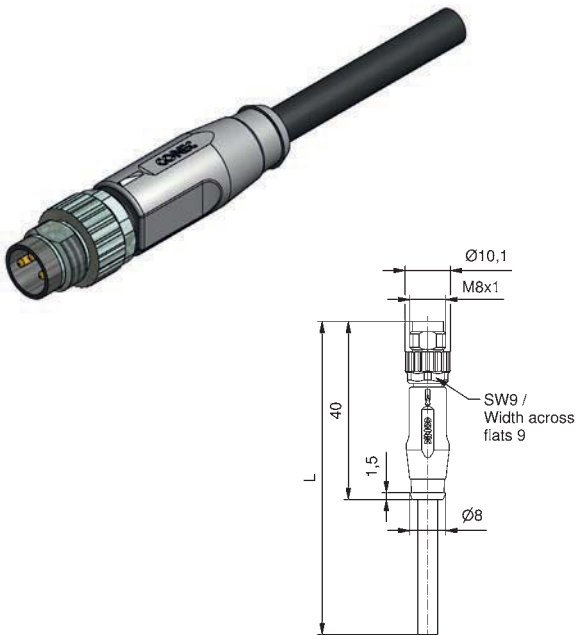
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 5 ■
Pin 6 ■
Pin 7 ■
Pin 8 ■

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RS3-2 / K1	42-10012
					3	SAL-8-RS3-3 / K1	42-10013
					5	SAL-8-RS3-5 / K1	42-10014
					10	SAL-8-RS3-10 / K1	42-10015
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RS4-2 / K1	42-10044
					3	SAL-8-RS4-3 / K1	42-10045
					5	SAL-8-RS4-5 / K1	42-10046
					10	SAL-8-RS4-10 / K1	42-10047
5	B	30	3	0,25	2	SAL-8B-RS5.1-2 / K1	42-11112
					3	SAL-8B-RS5.1-3 / K1	42-11113
					5	SAL-8B-RS5.1-5 / K1	42-11114
					10	SAL-8B-RS5.1-10 / K1	42-11115
5	B	30	3x1,5	2x0,34	2	SAL-8B-RS5.1-2 / H5	42-13035
					3	SAL-8B-RS5.1-3 / H5	42-13036
					5	SAL-8B-RS5.1-5 / H5	42-13037
					10	SAL-8B-RS5.1-10 / H5	42-13038
8	A	30	1,5	0,14	2	SAL-8-RS8-2 / K1	42-11179
					3	SAL-8-RS8-3 / K1	42-11180
					5	SAL-8-RS8-5 / K1	42-11181
					10	SAL-8-RS8-10 / K1	42-11182



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 5 ■
Pin 6 ■
Pin 7 ■
Pin 8 ■

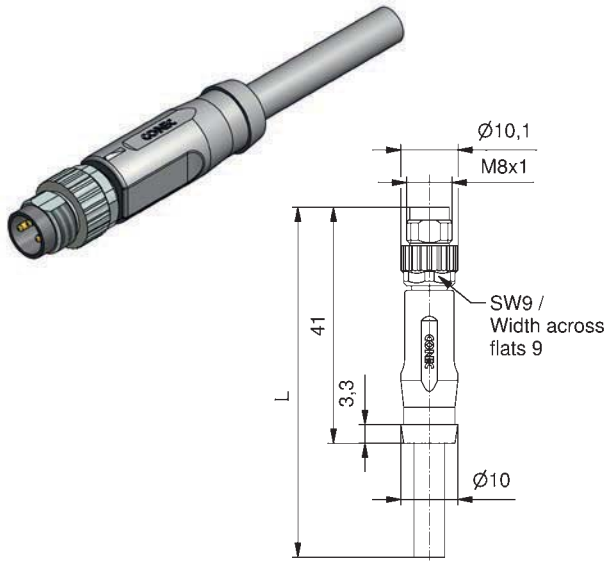
M8x1 CONNECTORS OVERMOULDED
Screwable, wire cross section 0.5 mm²

Male connector axial

PVC, grey, LiYY

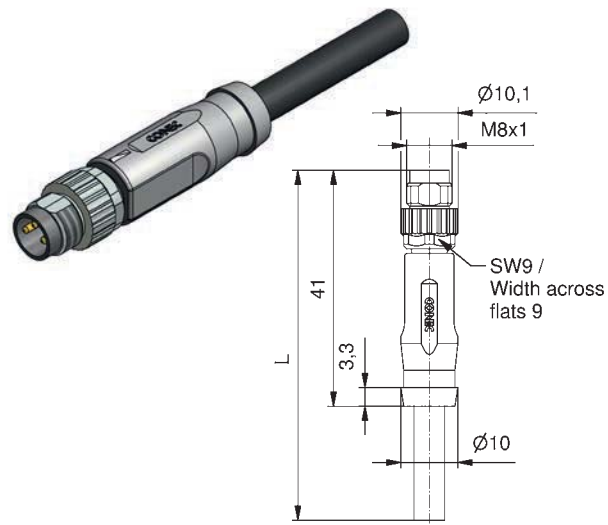
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RS3-2 / A1 / 05	42-12234
					3	SAL-8-RS3-3 / A1 / 05	42-12235
					5	SAL-8-RS3-5 / A1 / 05	42-12236
					10	SAL-8-RS3-10 / A1 / 05	42-12237
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RS4-2 / A1 / 05	42-12274
					3	SAL-8-RS4-3 / A1 / 05	42-12275
					5	SAL-8-RS4-5 / A1 / 05	42-12276
					10	SAL-8-RS4-10 / A1 / 05	42-12277



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RS3-2 / K1 / 05	42-12238
					3	SAL-8-RS3-3 / K1 / 05	42-12239
					5	SAL-8-RS3-5 / K1 / 05	42-12240
					10	SAL-8-RS3-10 / K1 / 05	42-12241
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RS4-2 / K1 / 05	42-12278
					3	SAL-8-RS4-3 / K1 / 05	42-12279
					5	SAL-8-RS4-5 / K1 / 05	42-12280
					10	SAL-8-RS4-10 / K1 / 05	42-12281



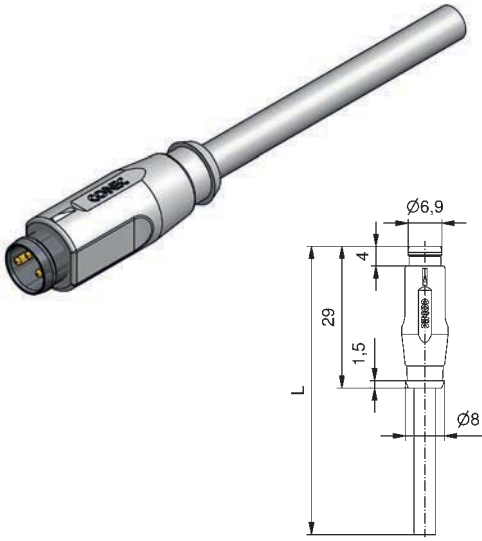
M8x1 CONNECTORS OVERMOULDED Snap-in

Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS3-2/A1	42-10532
					3	SAL-8-RSS3-3/A1	42-10746
					5	SAL-8-RSS3-5/A1	42-10747
					10	SAL-8-RSS3-10/A1	42-10748
4	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS4-2/A1	42-10531
					3	SAL-8-RSS4-3/A1	42-10749
					5	SAL-8-RSS4-5/A1	42-10750
					10	SAL-8-RSS4-10/A1	42-10751
5	B	30	3	0,25	2	SAL-8B-RSS5.1-2/A1	42-11124
					3	SAL-8B-RSS5.1-3/A1	42-11125
					5	SAL-8B-RSS5.1-5/A1	42-11126
					10	SAL-8B-RSS5.1-10/A1	42-11127



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

TPU, UL, halogenfree, black, Li9Y11Y

3	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS3-2/K1	42-10760
					3	SAL-8-RSS3-3/K1	42-10761
					5	SAL-8-RSS3-5/K1	42-10762
					10	SAL-8-RSS3-10/K1	42-10763
4	B	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS4-2/K1	42-10764
					3	SAL-8-RSS4-3/K1	42-10765
					5	SAL-8-RSS4-5/K1	42-10766
					10	SAL-8-RSS4-10/K1	42-10767
5	B	30	3	0,25	2	SAL-8B-RSS5.1-2/K1	42-11116
					3	SAL-8B-RSS5.1-3/K1	42-11117
					5	SAL-8B-RSS5.1-5/K1	42-11118
					10	SAL-8B-RSS5.1-10/K1	42-11119



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

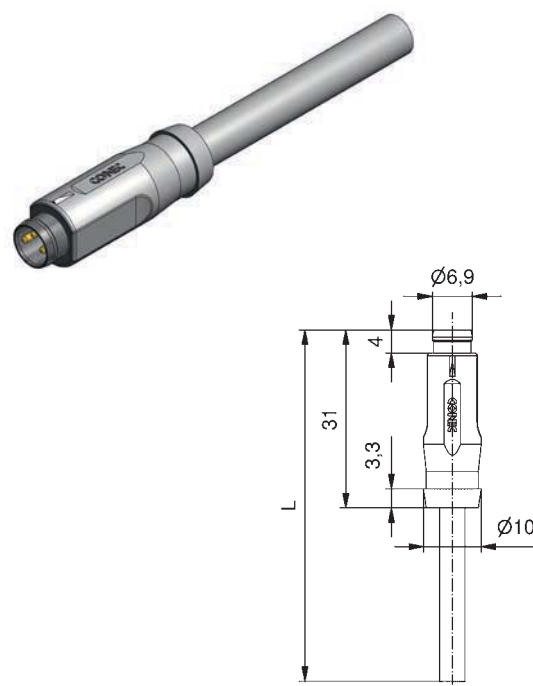
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

M8x1 CONNECTORS OVERMOULDED
Snap-in, wire cross section 0.5 mm²

Male connector axial

PVC, grey, LiYY

Contact assignment

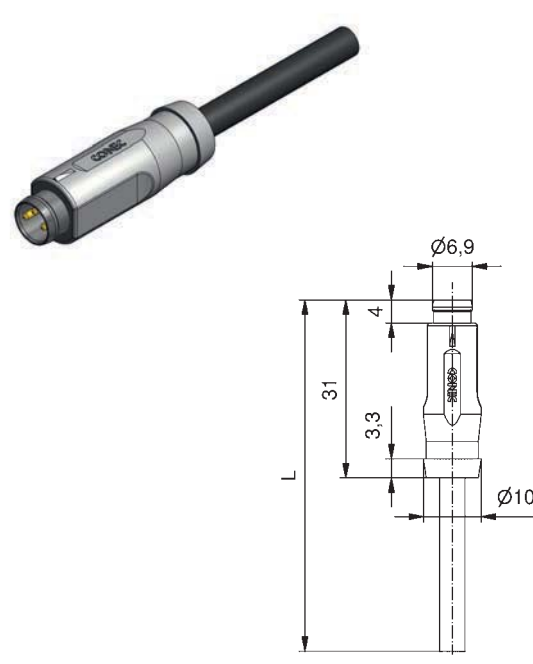


Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RSS3-2 / A1 / 05	42-13059
					3	SAL-8-RSS3-3 / A1 / 05	42-13060
					5	SAL-8-RSS3-5 / A1 / 05	42-13061
					10	SAL-8-RSS3-10 / A1 / 05	42-13062
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RSS4-2 / A1 / 05	42-13067
					3	SAL-8-RSS4-3 / A1 / 05	42-13068
					5	SAL-8-RSS4-5 / A1 / 05	42-13069
					10	SAL-8-RSS4-10 / A1 / 05	42-13070

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RSS3-2 / K1 / 05	42-13063
					3	SAL-8-RSS3-3 / K1 / 05	42-13064
					5	SAL-8-RSS3-5 / K 1 / 05	42-13065
					10	SAL-8-RSS3-10 / K1 / 05	42-13066
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RSS4-2 / K1 / 05	42-13071
					3	SAL-8-RSS4-3 / K1 / 05	42-13072
					5	SAL-8-RSS4-5 / K1 / 05	42-13073
					10	SAL-8-RSS4-10 / K1 / 05	42-13074

M8x1 CONNECTORS OVERMOULDED

Screwable/snap-in

Male connector axial

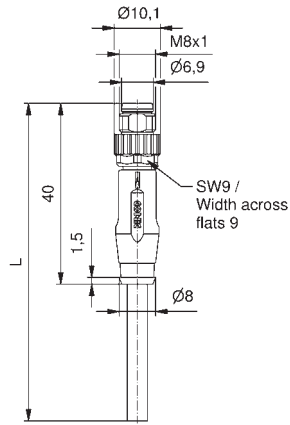
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSU3-2 / A1	42-10072
					3	SAL-8-RSU3-3 / A1	42-10073
					5	SAL-8-RSU3-5 / A1	42-10074
					10	SAL-8-RSU3-10 / A1	42-10075
					2	SAL-8-RSU4-2 / A1	42-10104
4		50 V AC / 60 V DC	3	0,25	3	SAL-8-RSU4-3 / A1	42-10105
					5	SAL-8-RSU4-5 / A1	42-10106
					10	SAL-8-RSU4-10 / A1	42-10107



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■



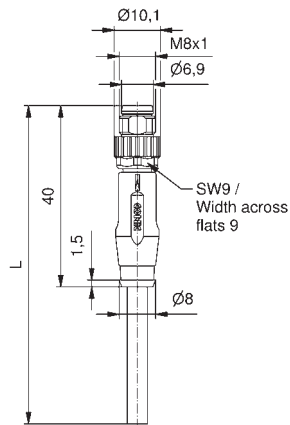
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSU3-2 / K1	42-10076
					3	SAL-8-RSU3-3 / K1	42-10077
					5	SAL-8-RSU3-5 / K1	42-10078
					10	SAL-8-RSU3-10 / K1	42-10079
					2	SAL-8-RSU4-2 / K1	42-10108
4		50 V AC / 60 V DC	3	0,25	3	SAL-8-RSU4-3 / K1	42-10109
					5	SAL-8-RSU4-5 / K1	42-10110
					10	SAL-8-RSU4-10 / K1	42-10111



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■



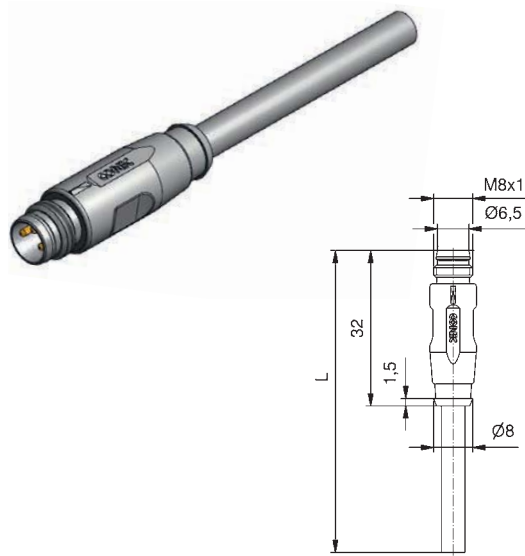
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

M8x1 CONNECTORS OVERMOULDED

Screwable/snap-in , thread fixed

Male connector axial

PVC, grey, LiYY



Contact assignment

Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	B	50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU3-0,5/A1	42-11187
						SAL-8-RSFU3-1/A1	42-11188
						SAL-8-RSFU3-2/A1	42-11189
						SAL-8-RSFU3-3/A1	42-11190
4	B	50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU4-0,5/A1	42-11195
						SAL-8-RSFU4-1/A1	42-11196
						SAL-8-RSFU4-2/A1	42-11197
						SAL-8-RSFU4-3/A1	42-11198
5	B	30	3	0,5	0,25	SAL-8B-RSFU5.1-0,5/A1	42-12173
						SAL-8B-RSFU5.1-1/A1	42-12174
						SAL-8B-RSFU5.1-2/A1	42-12175
						SAL-8B-RSFU5.1-3/A1	42-12176

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

3	B	50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU3-0,5/K1	42-11191
						SAL-8-RSFU3-1/K1	42-11192
						SAL-8-RSFU3-2/K1	42-11193
						SAL-8-RSFU3-3/K1	42-11194
4	B	50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU4-0,5/K1	42-11199
						SAL-8-RSFU4-1/K1	42-11200
						SAL-8-RSFU4-2/K1	42-11201
						SAL-8-RSFU4-3/K1	42-11202
5	B	30	3	0,5	0,25	SAL-8B-RSFU5.1-0,5/K1	42-12177
						SAL-8B-RSFU5.1-1/K1	42-12178
						SAL-8B-RSFU5.1-2/K1	42-12179
						SAL-8B-RSFU5.1-3/K1	42-12180
5	B	30	3x1,5 2x3	0,5	3x0,14 2x0,34	SAL-8B-RSFU5.1-0,5/H5	42-12181
						SAL-8B-RSFU5.1-1/H5	42-12182
						SAL-8B-RSFU5.1-2/H5	42-12183
						SAL-8B-RSFU5.1-3/H5	42-12184

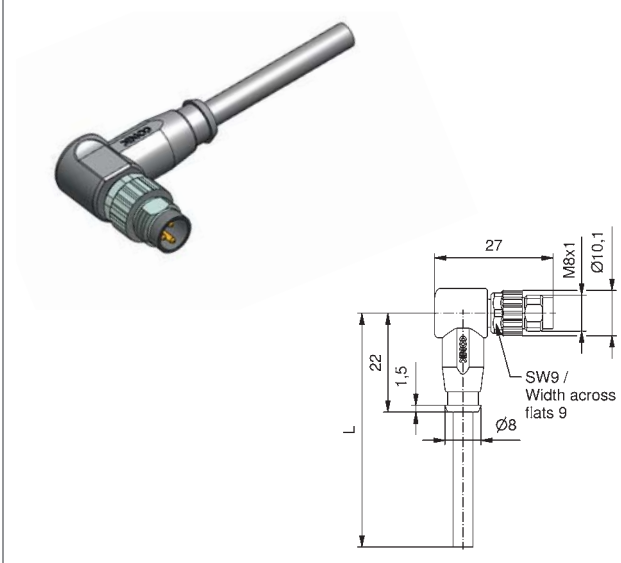
M8x1 CONNECTORS OVERMOULDED Screwable

Male connector angled

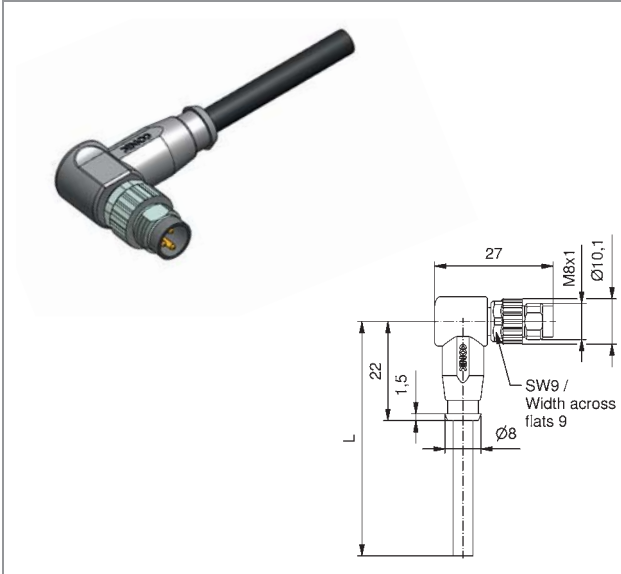
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSW3-2 / A1	42-10024
					3	SAL-8-RSW3-3 / A1	42-10025
					5	SAL-8-RSW3-5 / A1	42-10026
					10	SAL-8-RSW3-10 / A1	42-10027
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSW4-2 / A1	42-10056
					3	SAL-8-RSW4-3 / A1	42-10057
					5	SAL-8-RSW4-5 / A1	42-10058
					10	SAL-8-RSW4-10 / A1	42-10059



TPU, UL, halogenfree, black, Li9Y11Y



3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSW3-2 / K1	42-10028
					3	SAL-8-RSW3-3 / K1	42-10029
					5	SAL-8-RSW3-5 / K1	42-10030
					10	SAL-8-RSW3-10 / K1	42-10031
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSW4-2 / K1	42-10060
					3	SAL-8-RSW4-3 / K1	42-10061
					5	SAL-8-RSW4-5 / K1	42-10062
					10	SAL-8-RSW4-10 / K1	42-10063

M8x1 CONNECTORS OVERMOULDED

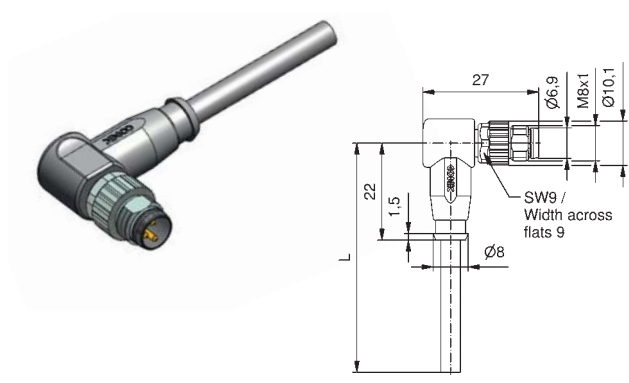
Screwable/snap-in

Male connector angled

PVC, grey, LiYY

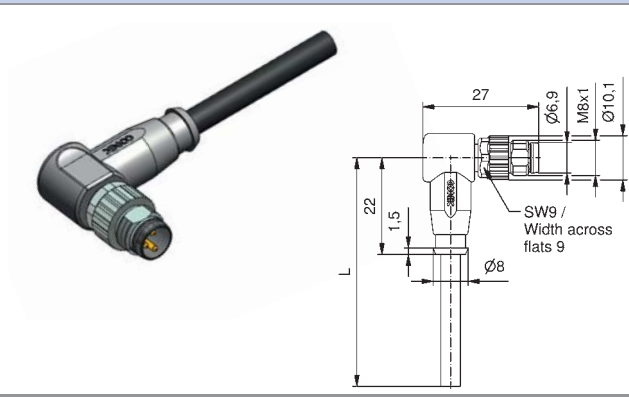
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU3-2/A1	42-10088
					3	SAL-8-RSWU3-3/A1	42-10089
					5	SAL-8-RSWU3-5/A1	42-10090
					10	SAL-8-RSWU3-10/A1	42-10091
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU4-2/A1	42-10120
					3	SAL-8-RSWU4-3/A1	42-10121
					5	SAL-8-RSWU4-5/A1	42-10122
					10	SAL-8-RSWU4-10/A1	42-10123



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU3-2/K1	42-10092
					3	SAL-8-RSWU3-3/K1	42-10093
					5	SAL-8-RSWU3-5/K1	42-10094
					10	SAL-8-RSWU3-10/K1	42-10095
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU4-2/K1	42-10124
					3	SAL-8-RSWU4-3/K1	42-10125
					5	SAL-8-RSWU4-5/K1	42-10126
					10	SAL-8-RSWU4-10/K1	42-10127

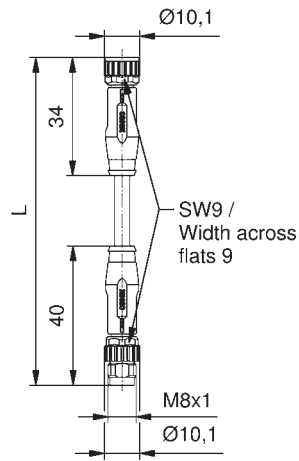






















M8x1 CONNECTORS OVERMOULDED

Connecting cable

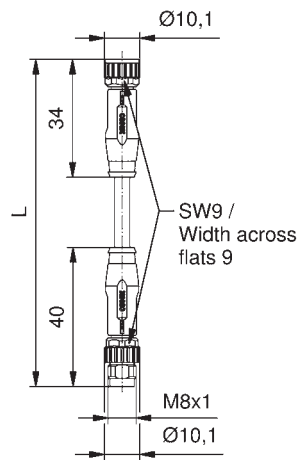
Female connector axial, screwable
Male connector axial, screwable





















PVC, grey, LiYY



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RS3-0,3 / A1	42-10141
							SAL-8-RK3-RS3-0,6 / A1	42-10142
							SAL-8-RK3-RS3-1,5 / A1	42-10143
							SAL-8-RK3-RS3-3 / A1	42-10144
Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK4-RS4-0,3 / A1	42-10157
							SAL-8-RK4-RS4-0,6 / A1	42-10158
							SAL-8-RK4-RS4-1,5 / A1	42-10159
							SAL-8-RK4-RS4-3 / A1	42-10160
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	0,25	0,3	SAL-8B-RK5.1-RS5.1-0,3 / A1	42-11141
							SAL-8B-RK5.1-RS5.1-0,6 / A1	42-11142
							SAL-8B-RK5.1-RS5.1-1,5 / A1	42-11143
							SAL-8B-RK5.1-RS5.1-3 / A1	42-11144
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	0,14	0,3	SAL-8-RK8-RS8-0,3 / A1	42-11234
							SAL-8-RK8-RS8-0,6 / A1	42-11235
							SAL-8-RK8-RS8-1,5 / A1	42-11236
							SAL-8-RK8-RS8-3 / A1	42-11237

TPU, UL, halogenfree, black, LiY11Y



Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RS3-0,3 / K1	42-10145
							SAL-8-RK3-RS3-0,6 / K1	42-10146
							SAL-8-RK3-RS3-1,5 / K1	42-10147
							SAL-8-RK3-RS3-3 / K1	42-10148
Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK4-RS4-0,3 / K1	42-10161
							SAL-8-RK4-RS4-0,6 / K1	42-10162
							SAL-8-RK4-RS4-1,5 / K1	42-10163
							SAL-8-RK4-RS4-3 / K1	42-10164
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	0,25	0,3	SAL-8B-RK5.1-RS5.1-0,3 / K1	42-11128
							SAL-8B-RK5.1-RS5.1-0,6 / K1	42-11129
							SAL-8B-RK5.1-RS5.1-1,5 / K1	42-11130
							SAL-8B-RK5.1-RS5.1-3 / K1	42-11131
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	0,14	0,3	SAL-8-RK8-RS8-0,3 / K1	42-11183
							SAL-8-RK8-RS8-0,6 / K1	42-11184
							SAL-8-RK8-RS8-1,5 / K1	42-11185
							SAL-8-RK8-RS8-3 / K1	42-11186

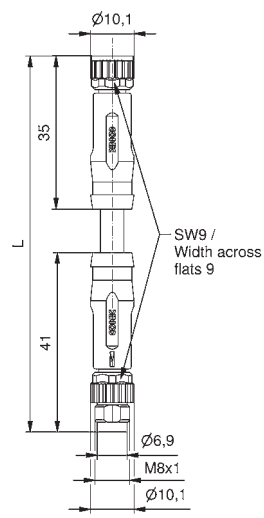
M8x1 CONNECTORS OVERMOULDED
Connecting cable, wire cross section 0.5 mm²

Female connector axial, screwable
Male connector axial, screwable

PVC, grey, LiYY

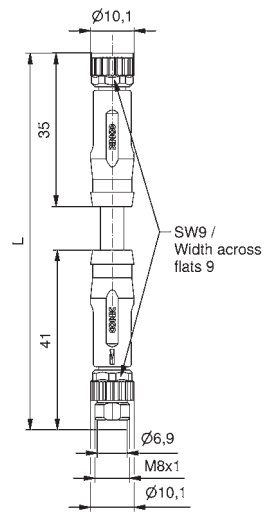
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK3-RS3-0,3 / A1 / 05	42-12242
						SAL-8-RK3-RS3-0,6 / A1 / 05	42-12243
						SAL-8-RK3-RS3-1,5 / A1 / 05	42-12244
						SAL-8-RK3-RS3-3 / A1 / 05	42-12245
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK4-RS4-0,3 / A1 / 05	42-12250
						SAL-8-RK4-RS4-0,6 / A1 / 05	42-12251
						SAL-8-RK4-RS4-1,5 / A1 / 05	42-12252
						SAL-8-RK4-RS4-3 / A1 / 05	42-12253



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK3-RS3-0,3 / K1 / 05	42-12246
						SAL-8-RK3-RS3-0,6 / K1 / 05	42-12247
						SAL-8-RK3-RS3-1,5 / K1 / 05	42-12248
						SAL-8-RK3-RS3-3 / K1 / 05	42-12249
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK4-RS4-0,3 / K1 / 05	42-12254
						SAL-8-RK4-RS4-0,6 / K1 / 05	42-12255
						SAL-8-RK4-RS4-1,5 / K1 / 05	42-12256
						SAL-8-RK4-RS4-3 / K1 / 05	42-12257



M8x1 CONNECTORS OVERMOULDED



Connecting cable

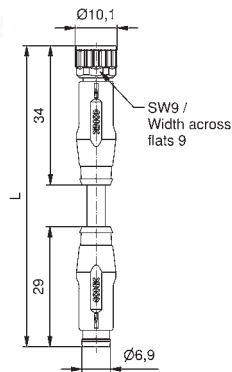
Female connector axial, screwable

Male connector axial, snap-in

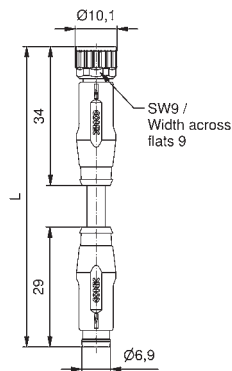
PVC, grey, LiYY



Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK3-RSS3-0,3/A1	42-10827
						SAL-8-RK3-RSS3-0,6/A1	42-10828
						SAL-8-RK3-RSS3-1,5/A1	42-10829
						SAL-8-RK3-RSS3-3/A1	42-10830
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK4-RSS4-0,3/A1	42-10835
						SAL-8-RK4-RSS4-0,6/A1	42-10836
						SAL-8-RK4-RSS4-1,5/A1	42-10837
						SAL-8-RK4-RSS4-3/A1	42-10838



TPU, UL, halogenfree, black, Li9Y11Y

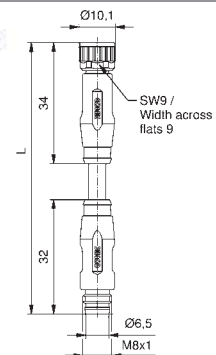



3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK3-RSS3-0,3/K1	42-10831
						SAL-8-RK3-RSS3-0,6/K1	42-10832
						SAL-8-RK3-RSS3-1,5/K1	42-10833
						SAL-8-RK3-RSS3-3/K1	42-10834
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK4-RSS4-0,3/K1	42-10839
						SAL-8-RK4-RSS4-0,6/K1	42-10840
						SAL-8-RK4-RSS4-1,5/K1	42-10841
						SAL-8-RK4-RSS4-3/K1	42-10842

Female connector axial, screwable

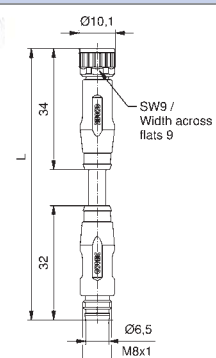
Male connector axial, screwable/snap-in, thread fixed


PVC, grey, LiYY



3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK3-RSFU3-0,3/A1	42-11203
						SAL-8-RK3-RSFU3-0,6/A1	42-11204
						SAL-8-RK3-RSFU3-1,5/A1	42-11205
						SAL-8-RK3-RSFU3-3/A1	42-11206

TPU, UL, halogenfree, black, Li9Y11Y



3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RK3-RSFU3-0,3/K1	42-11207
						SAL-8-RK3-RSFU3-0,6/K1	42-11208
						SAL-8-RK3-RSFU3-1,5/K1	42-11209
						SAL-8-RK3-RSFU3-3/K1	42-11210

M8x1 CONNECTORS OVERMOULDED

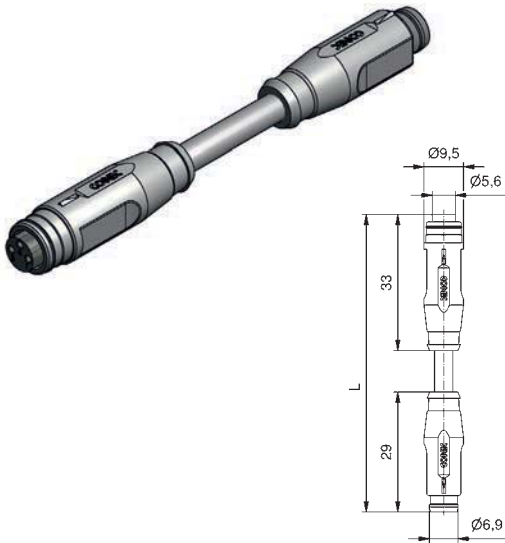
Connecting cable

Female connector axial, snap-in
Male connector axial, snap-in

PVC, grey, LiYY

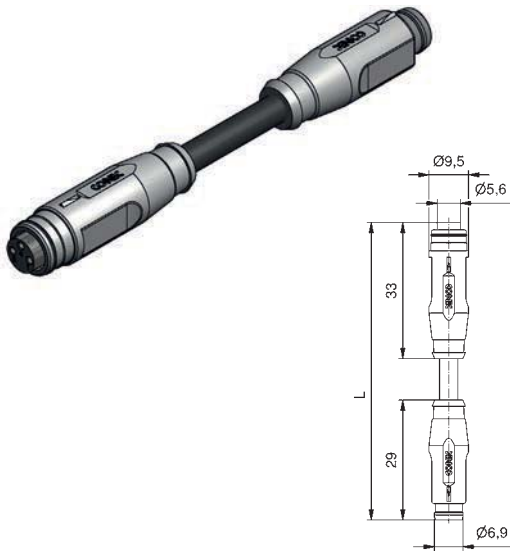
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	3	0,3	0,25	SAL-8-RKS3-RSS3-0,3 / A1	42-10811
						SAL-8-RKS3-RSS3-0,6 / A1	42-10812
						SAL-8-RKS3-RSS3-1,5 / A1	42-10813
						SAL-8-RKS3-RSS3-3 / A1	42-10814
4	50 V AC / 60 V DC	3	3	0,3	0,25	SAL-8-RKS4-RSS4-0,3 / A1	42-10819
						SAL-8-RKS4-RSS4-0,6 / A1	42-10820
						SAL-8-RKS4-RSS4-1,5 / A1	42-10821
						SAL-8-RKS4-RSS4-3 / A1	42-10822
5	B	30	3	0,3	0,25	SAL-8B-RKS5.1-RSS5.1-0,3 / A1	42-11136
						SAL-8B-RKS5.1-RSS5.1-0,6 / A1	42-11137
						SAL-8B-RKS5.1-RSS5.1-1,5 / A1	42-11138
						SAL-8B-RKS5.1-RSS5.1-3 / A1	42-11139



TPU, UL, halogenfree, black, Li9Y11Y

3	50 V AC / 60 V DC	3	3	0,3	0,25	SAL-8-RKS3-RSS3-0,3 / K1	42-10815
						SAL-8-RKS3-RSS3-0,6 / K1	42-10816
						SAL-8-RKS3-RSS3-1,5 / K1	42-10817
						SAL-8-RKS3-RSS3-3 / K1	42-10818
4	50 V AC / 60 V DC	3	3	0,3	0,25	SAL-8-RKS4-RSS4-0,3 / K1	42-10823
						SAL-8-RKS4-RSS4-0,6 / K1	42-10824
						SAL-8-RKS4-RSS4-1,5 / K1	42-10825
						SAL-8-RKS4-RSS4-3 / K1	42-10826
5	B	30	3	0,3	0,25	SAL-8B-RKS5.1-RSS5.1-0,3 / K1	42-11132
						SAL-8B-RKS5.1-RSS5.1-0,6 / K1	42-11133
						SAL-8B-RKS5.1-RSS5.1-1,5 / K1	42-11134
						SAL-8B-RKS5.1-RSS5.1-3 / K1	42-11135



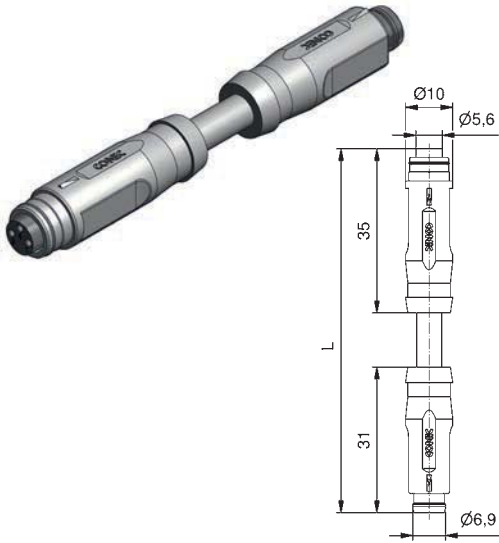
M8x1 CONNECTORS OVERMOULDED
Connecting cable, wire cross section 0.5 mm²

Female connector axial, snap-in
Male connector axial, snap-in

PVC, grey, LiYY

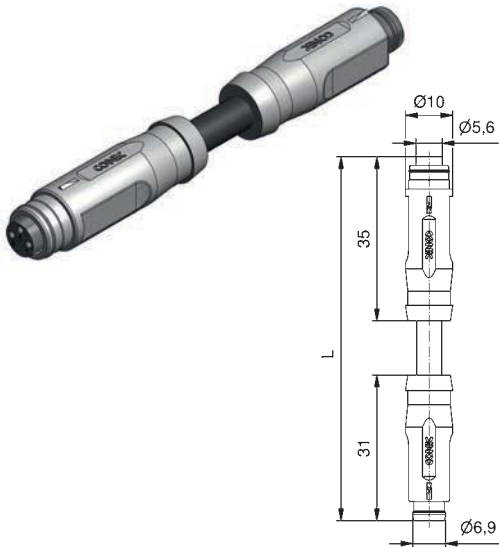
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS3-RSS3-0,3/A1/05	42-13075
					0,6	SAL-8-RKS3-RSS3-0,6/A1/05	42-13076
					1,5	SAL-8-RKS3-RSS3-1,5/A1/05	42-13077
					3	SAL-8-RKS3-RSS3-3/A1/05	42-13078
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS4-RSS4-0,3/A1/05	42-13083
					0,6	SAL-8-RKS4-RSS4-0,6/A1/05	42-13084
					1,5	SAL-8-RKS4-RSS4-1,5/A1/05	42-13085
					3	SAL-8-RKS4-RSS4-3/A1/05	42-13086



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS3-RSS3-0,3/K1/05	42-13079
					0,6	SAL-8-RKS3-RSS3-0,6/K1/05	42-13080
					1,5	SAL-8-RKS3-RSS3-1,5/K1/05	42-13081
					3	SAL-8-RKS3-RSS3-3/K1/05	42-13082
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS4-RSS4-0,3/K1/05	42-13339
					0,6	SAL-8-RKS4-RSS4-0,6/K1/05	42-13340
					1,5	SAL-8-RKS4-RSS4-1,5/K1/05	42-13341
					3	SAL-8-RKS4-RSS4-3/K1/05	42-13342



M8x1 CONNECTORS OVERMOULDED

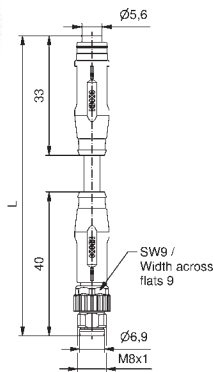
Connecting cable

Female connector axial, snap-in
Male connector axial, screwable/snap-in

PVC, grey, LiYY

Contact assignment

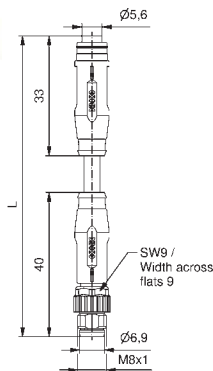
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSU3-0,3/A1	42-10173
						SAL-8-RKS3-RSU3-0,6/A1	42-10174
						SAL-8-RKS3-RSU3-1,5/A1	42-10175
						SAL-8-RKS3-RSU3-3/A1	42-10176
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSU4-0,3/A1	42-10189
						SAL-8-RKS4-RSU4-0,6/A1	42-10190
						SAL-8-RKS4-RSU4-1,5/A1	42-10191
						SAL-8-RKS4-RSU4-3/A1	42-10192



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSU3-0,3/K1	42-10177
						SAL-8-RKS3-RSU3-0,6/K1	42-10178
						SAL-8-RKS3-RSU3-1,5/K1	42-10179
						SAL-8-RKS3-RSU3-3/K1	42-10180
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSU4-0,3/K1	42-10193
						SAL-8-RKS4-RSU4-0,6/K1	42-10194
						SAL-8-RKS4-RSU4-1,5/K1	42-10195
						SAL-8-RKS4-RSU4-3/K1	42-10196

M8x1 CONNECTORS OVERMOULDED

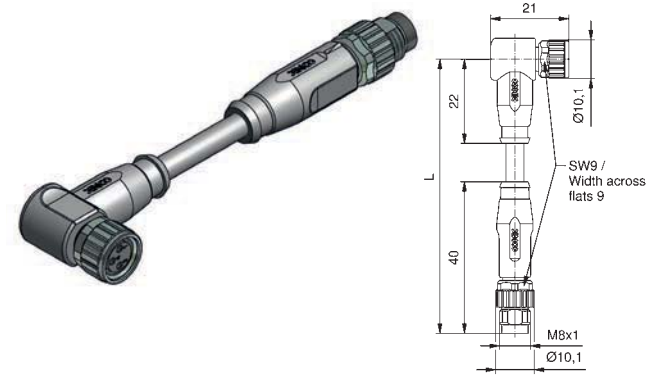
Connecting cable

Female connector angled, screwable
Male connector axial, screwable

PVC, grey, LiYY

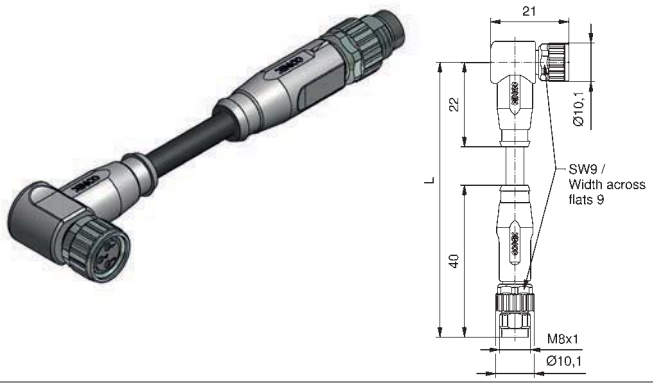
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW3-RS3-0,3/A1	42-10149
						SAL-8-RKW3-RS3-0,6/A1	42-10150
						SAL-8-RKW3-RS3-1,5/A1	42-10151
						SAL-8-RKW3-RS3-3/A1	42-10152
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW4-RS4-0,3/A1	42-10165
						SAL-8-RKW4-RS4-0,6/A1	42-10166
						SAL-8-RKW4-RS4-1,5/A1	42-10167
						SAL-8-RKW4-RS4-3/A1	42-10168



TPU, UL, halogenfree, black, Li9Y11Y

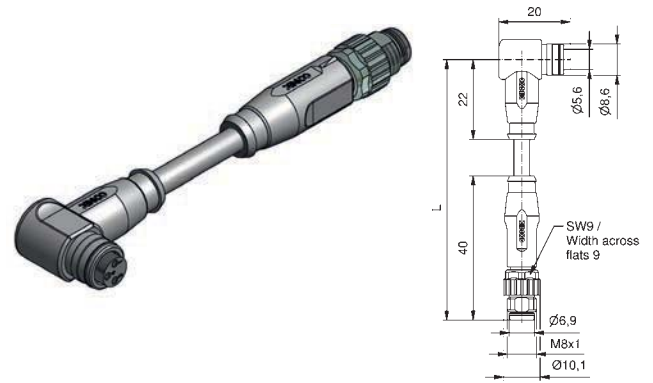
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW3-RS3-0,3/K1	42-10153
						SAL-8-RKW3-RS3-0,6/K1	42-10154
						SAL-8-RKW3-RS3-1,5/K1	42-10155
						SAL-8-RKW3-RS3-3/K1	42-10156
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW4-RS4-0,3/K1	42-10169
						SAL-8-RKW4-RS4-0,6/K1	42-10170
						SAL-8-RKW4-RS4-1,5/K1	42-10171
						SAL-8-RKW4-RS4-3/K1	42-10172



Female connector angled, snap-in
Male connector axial, screwable/snap-in

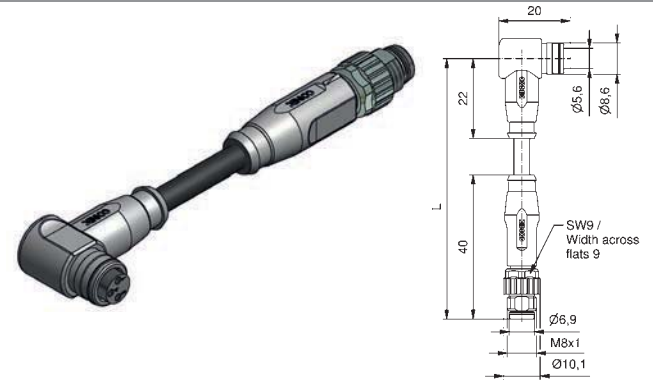
PVC, grey, LiYY

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS3-RSU3-0,3/A1	42-10181
						SAL-8-RKWS3-RSU3-0,6/A1	42-10182
						SAL-8-RKWS3-RSU3-1,5/A1	42-10183
						SAL-8-RKWS3-RSU3-3/A1	42-10184
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS4-RSU4-0,3/A1	42-10197
						SAL-8-RKWS4-RSU4-0,6/A1	42-10198
						SAL-8-RKWS4-RSU4-1,5/A1	42-10199
						SAL-8-RKWS4-RSU4-3/A1	42-10200



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS3-RSU3-0,3/K1	42-10185
						SAL-8-RKWS3-RSU3-0,6/K1	42-10186
						SAL-8-RKWS3-RSU3-1,5/K1	42-10187
						SAL-8-RKWS3-RSU3-3/K1	42-10188
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS4-RSU4-0,3/K1	42-10201
						SAL-8-RKWS4-RSU4-0,6/K1	42-10202
						SAL-8-RKWS4-RSU4-1,5/K1	42-10203
						SAL-8-RKWS4-RSU4-3/K1	42-10204



M8x1 CONNECTORS OVERMOULDED

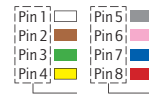
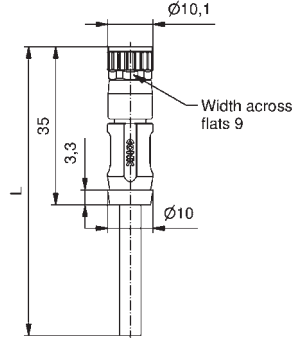
Screwable with 360° shielding

Female connector axial

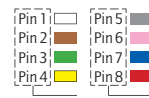
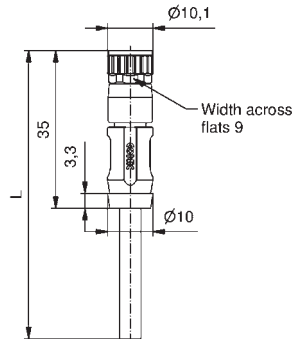
PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		60	3		0,25	SAL-8S-RK3-2 / G3	42-10843
						SAL-8S-RK3-3 / G3	42-10844
						SAL-8S-RK3-5 / G3	42-10845
						SAL-8S-RK3-10 / G3	42-10846
4		30	3		0,25	SAL-8S-RK4-2 / G3	42-10851
						SAL-8S-RK4-3 / G3	42-10852
						SAL-8S-RK4-5 / G3	42-10853
						SAL-8S-RK4-10 / G3	42-10854
8	A	30	1,5		0,14	SAL-8S-RK8-2 / G3	42-12190
						SAL-8S-RK8-3 / G3	42-12191
						SAL-8S-RK8-5 / G3	42-12192
						SAL-8S-RK8-10 / G3	42-12193

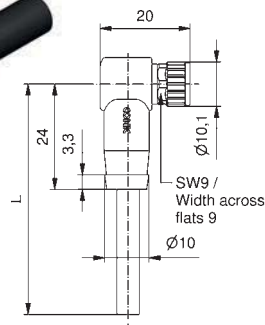


TPU, UL, halogenfree, black, Li9YC11Y



Female connector angled

TPU, UL, halogenfree, black, Li9YC11Y



4		30	3		0,25	SAL-8S-RKW4-2 / G2	42-12351
						SAL-8S-RKW4-3 / G2	42-12416
						SAL-8S-RKW4-5 / G2	42-12352
						SAL-8S-RKW4-10 / G2	42-12353

M8x1 CONNECTORS OVERMOULDED

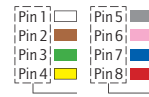
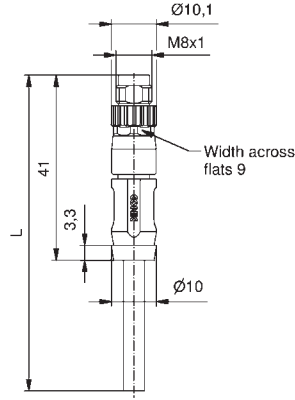
Screwable with 360° shielding

Male connector axial

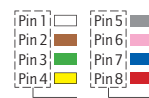
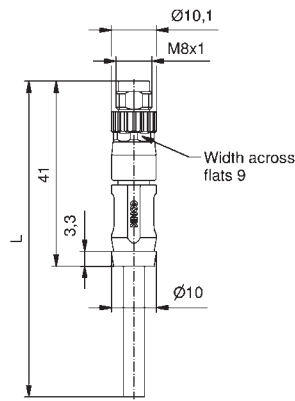
PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		60	3	0,25	2	SAL-8S-RS3-2 / G3	42-10859
					3	SAL-8S-RS3-3 / G3	42-10860
					5	SAL-8S-RS3-5 / G3	42-10861
					10	SAL-8S-RS3-10 / G3	42-10862
4		30	3	0,25	2	SAL-8S-RS4-2 / G3	42-10867
					3	SAL-8S-RS4-3 / G3	42-10868
					5	SAL-8S-RS4-5 / G3	42-10869
					10	SAL-8S-RS4-10 / G3	42-10870
8	A	30	1,5	0,14	2	SAL-8S-RS8-2 / G3	42-12198
					3	SAL-8S-RS8-3 / G3	42-12199
					5	SAL-8S-RS8-5 / G3	42-12200
					10	SAL-8S-RS8-10 / G3	42-12201



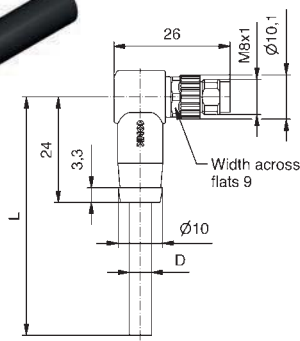
TPU, UL, halogenfree, black, Li9YC11Y



3		60	3	0,25	2	SAL-8S-RS3-2 / G2	42-10863
					3	SAL-8S-RS3-3 / G2	42-10864
					5	SAL-8S-RS3-5 / G2	42-10865
					10	SAL-8S-RS3-10 / G2	42-10866
4		30	3	0,25	2	SAL-8S-RS4-2 / G2	42-10871
					3	SAL-8S-RS4-3 / G2	42-10872
					5	SAL-8S-RS4-5 / G2	42-10873
					10	SAL-8S-RS4-10 / G2	42-10874
8	A	30	1,5	0,14	2	SAL-8S-RS8-2 / G2	42-12194
					3	SAL-8S-RS8-3 / G2	42-12195
					5	SAL-8S-RS8-5 / G2	42-12196
					10	SAL-8S-RS8-10 / G2	42-12197

Male connector angled

TPU, UL, halogenfree, black, Li9YC11Y



4		30	3	0,25	2	SAL-8S-RSW4-2 / G2	42-12417
					3	SAL-8S-RSW4-3 / G2	42-12418
					5	SAL-8S-RSW4-5 / G2	42-12419
					10	SAL-8S-RSW4-10 / G2	42-12420

M8x1 CONNECTORS OVERMOULDED

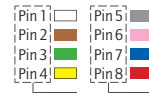
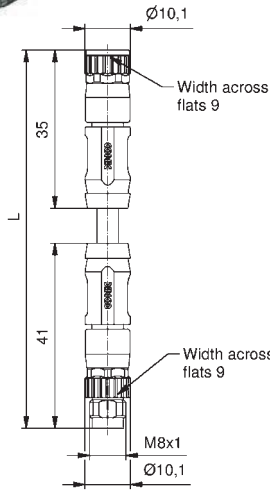
Connecting cable with 360° shielding

Female connector axial, screwable
Male connector axial, screwable

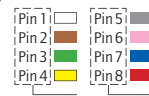
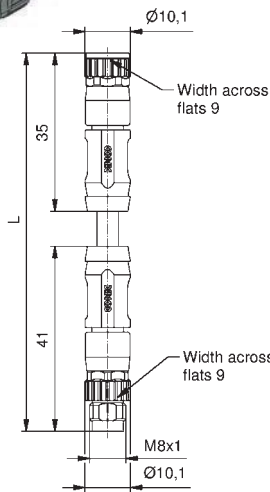
PVC, UL, grey, LiYCY

Contact Assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		60	3	0,25	0,3	SAL-8S-RK3-RS3-0,3 / G3	42-10875
					0,6	SAL-8S-RK3-RS3-0,6 / G3	42-10876
					1,5	SAL-8S-RK3-RS3-1,5 / G3	42-10877
					3	SAL-8S-RK3-RS3-3 / G3	42-10878
4		30	3	0,25	0,3	SAL-8S-RK4-RS4-0,3 / G3	42-10883
					0,6	SAL-8S-RK4-RS4-0,6 / G3	42-10884
					1,5	SAL-8S-RK4-RS4-1,5 / G3	42-10885
					3	SAL-8S-RK4-RS4-3 / G3	42-10886
8	A	30	1,5	0,14	0,3	SAL-8S-RK8-RS8-0,3 / G3	42-12206
					0,6	SAL-8S-RK8-RS8-0,6 / G3	42-12207
					1,5	SAL-8S-RK8-RS8-1,5 / G3	42-12208
					3	SAL-8S-RK8-RS8-3 / G3	42-12209



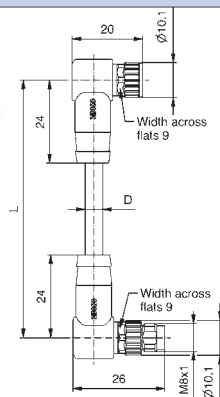
TPU, UL, halogenfree, black, Li9YC11Y



3		60	3	0,25	0,3	SAL-8S-RK3-RS3-0,3 / G2	42-10879
					0,6	SAL-8S-RK3-RS3-0,6 / G2	42-10880
					1,5	SAL-8S-RK3-RS3-1,5 / G2	42-10881
					3	SAL-8S-RK3-RS3-3 / G2	42-10882
4		30	3	0,25	0,3	SAL-8S-RK4-RS4-0,3 / G2	42-10887
					0,6	SAL-8S-RK4-RS4-0,6 / G2	42-10888
					1,5	SAL-8S-RK4-RS4-1,5 / G2	42-10889
					3	SAL-8S-RK4-RS4-3 / G2	42-10890
8	A	30	1,5	0,14	0,3	SAL-8S-RK8-RS8-0,3 / G2	42-12202
					0,6	SAL-8S-RK8-RS8-0,6 / G2	42-12203
					1,5	SAL-8S-RK8-RS8-1,5 / G2	42-12204
					3	SAL-8S-RK8-RS8-3 / G2	42-12205

Female connector angled, screwable
Male connector angled, screwable

TPU, UL, halogenfree, black, Li9YC11Y

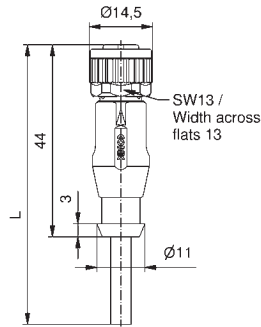
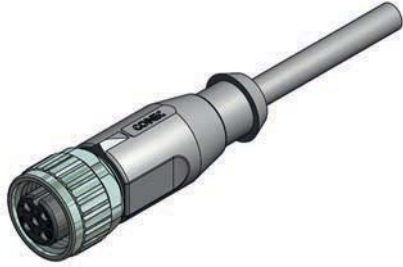


4		30	3	0,25	0,3	SAL-8S-RKW4-RSW4-0,3 / G2	42-12412
					0,6	SAL-8S-RKW4-RSW4-0,6 / G2	42-12413
					1,5	SAL-8S-RKW4-RSW4-1,5 / G2	42-12414
					3	SAL-8S-RKW4-RSW4-3 / G2	42-12415

M12x1 CONNECTORS OVERMOULDED

Female connector axial

PVC, grey, LiYY



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
Pin 1 Pin 3 Pin 4	3	A	250	4	0,34	2	SAL-12-RK3-2/A1	43-10000
						3	SAL-12-RK3-3/A1	43-10001
						5	SAL-12-RK3-5/A1	43-10002
						10	SAL-12-RK3-10/A1	43-10003
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	0,34	2	SAL-12-RK4-2/A1	43-10020
						3	SAL-12-RK4-3/A1	43-10021
						5	SAL-12-RK4-5/A1	43-10022
						10	SAL-12-RK4-10/A1	43-10023
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	0,34	2	SAL-12-RK5-2/A1	43-10040
						3	SAL-12-RK5-3/A1	43-10041
						5	SAL-12-RK5-5/A1	43-10042
						10	SAL-12-RK5-10/A1	43-10043
Pin 1 Pin 4 Pin 2 Pin 6 Pin 3 Pin 7	6	A	30	2	0,25	2	SAL-12-RK6-2/A1	43-10060
						3	SAL-12-RK6-3/A1	43-10061
						5	SAL-12-RK6-5/A1	43-10062
Pin 1 Pin 5 Pin 2 Pin 6 Pin 3 Pin 7 Pin 4 Pin 8	8	A	30	2	0,25	2	SAL-12-RK8-2/A1	43-10072
						3	SAL-12-RK8-3/A1	43-10073
						5	SAL-12-RK8-5/A1	43-10074
						10	SAL-12-RK8-10/A1	43-10075
Pin 1 Pin 7 Pin 2 Pin 8 Pin 3 Pin 9 Pin 4 Pin 10 Pin 5 Pin 11 Pin 6 Pin 12	12	A	30	1,5	0,14	2	SAL-12-RK12-2/A3	43-11264
						3	SAL-12-RK12-3/A3	43-11265
						5	SAL-12-RK12-5/A3	43-11266
						10	SAL-12-RK12-10/A3	43-11267

M12x1 CONNECTORS OVERMOULDED

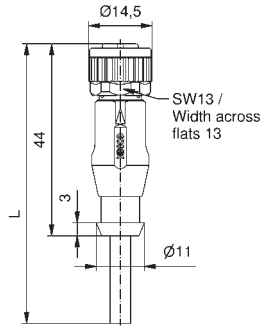
Female connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles
Coding
Rated voltage [V]
Current rating [A]
Cable length = L [m]
Wire cross section [mm²]

Description
Part No.



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

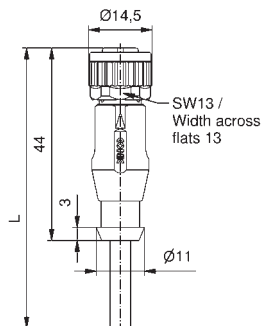
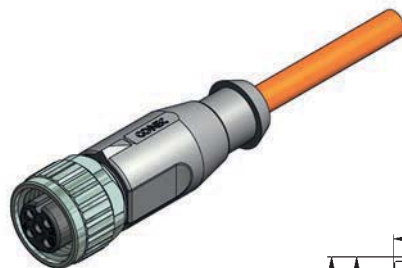
Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

TPU, UL, irradiated, orange Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

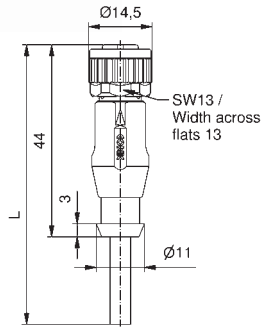
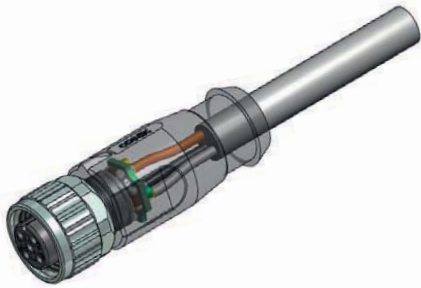
Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

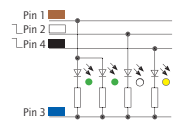
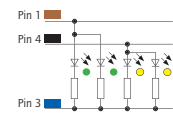
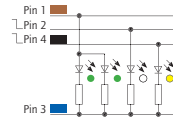
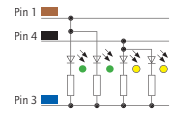
M12x1 CONNECTORS OVERMOULDED with LED

Female connector axial, A-coding

PVC, grey, LiYY

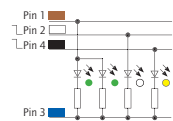
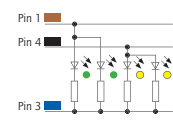
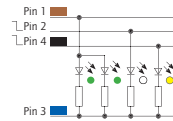
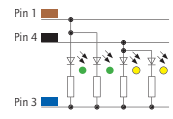
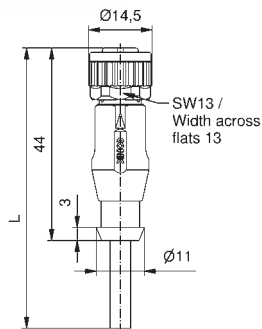
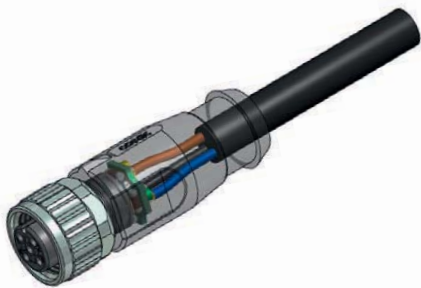


Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	30	4	2	0,25	SAL-12-RK3-2L-2 / A1 / 025	43-16746
						SAL-12-RK3-2L-3 / A1 / 025	43-16747
						SAL-12-RK3-2L-5 / A1 / 025	43-16748
						SAL-12-RK3-2L-10 / A1 / 025	43-16749
4	A	30	4	2	0,25	SAL-12-RK4-3L-2 / A1 / 025	43-16762
						SAL-12-RK4-3L-3 / A1 / 025	43-16763
						SAL-12-RK4-3L-5 / A1 / 025	43-16764
						SAL-12-RK4-3L-10 / A1 / 025	43-16765
5	A	30	4	2	0,25	SAL-12-RK5.2-2L-2 / A1 / 025	43-16754
						SAL-12-RK5.2-2L-3 / A1 / 025	43-16755
						SAL-12-RK5.2-2L-5 / A1 / 025	43-16756
						SAL-12-RK5.2-2L-10 / A1 / 025	43-16757
5	A	30	4	2	0,25	SAL-12-RK5-3L-2 / A1 / 025	43-16770
						SAL-12-RK5-3L-3 / A1 / 025	43-16771
						SAL-12-RK5-3L-5 / A1 / 025	43-16772
						SAL-12-RK5-3L-10 / A1 / 025	43-16773

TPU, UL, halogenfree, black, Li9Y11Y



3	A	30	4	2	0,25	SAL-12-RK3-2L-2 / K1 / 025	43-16750
						SAL-12-RK3-2L-3 / K1 / 025	43-16751
						SAL-12-RK3-2L-5 / K1 / 025	43-16752
						SAL-12-RK3-2L-10 / K1 / 025	43-16753
4	A	30	4	2	0,25	SAL-12-RK4-3L-2 / K1 / 025	43-16766
						SAL-12-RK4-3L-3 / K1 / 025	43-16767
						SAL-12-RK4-3L-5 / K1 / 025	43-16768
						SAL-12-RK4-3L-10 / K1 / 025	43-16769
5	A	30	4	2	0,25	SAL-12-RK5.2-2L-2 / K1 / 025	43-16758
						SAL-12-RK5.2-2L-3 / K1 / 025	43-16759
						SAL-12-RK5.2-2L-5 / K1 / 025	43-16760
						SAL-12-RK5.2-2L-10 / K1 / 025	43-16761
5	A	30	4	2	0,25	SAL-12-RK5-3L-2 / K1 / 025	43-16774
						SAL-12-RK5-3L-3 / K1 / 025	43-16775
						SAL-12-RK5-3L-5 / K1 / 025	43-16776
						SAL-12-RK5-3L-10 / K1 / 025	43-16777

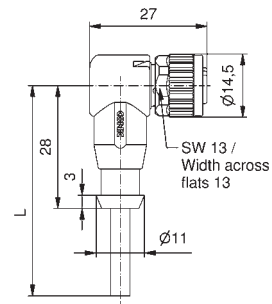
M12x1 CONNECTORS OVERMOULDED

Female connector angled

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,34	2	SAL-12-RKW3-2/A1	43-10168
					3	SAL-12-RKW3-3/A1	43-10169
					5	SAL-12-RKW3-5/A1	43-10170
					10	SAL-12-RKW3-10/A1	43-10171
4	A	250	4	0,34	2	SAL-12-RKW4-2/A1	43-10188
					3	SAL-12-RKW4-3/A1	43-10189
					5	SAL-12-RKW4-5/A1	43-10190
					10	SAL-12-RKW4-10/A1	43-10191
5	A	60	4	0,34	2	SAL-12-RKW5-2/A1	43-10208
					3	SAL-12-RKW5-3/A1	43-10209
					5	SAL-12-RKW5-5/A1	43-10210
					10	SAL-12-RKW5-10/A1	43-10211
6	A	30	2	0,25	2	SAL-12-RKW6-2/A1	43-10228
					3	SAL-12-RKW6-3/A1	43-10229
					5	SAL-12-RKW6-5/A1	43-10230
					10	SAL-12-RKW6-10/A1	43-10231
8	A	30	2	0,25	2	SAL-12-RKW8-2/A1	43-10240
					3	SAL-12-RKW8-3/A1	43-10241
					5	SAL-12-RKW8-5/A1	43-10242
					10	SAL-12-RKW8-10/A1	43-10243



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■
- Pin 8 ■

M12x1 CONNECTORS OVERMOULDED

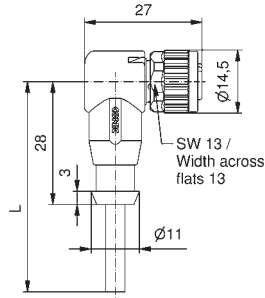
Female connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles
Coding
Rated voltage [V]
Current rating [A]
Cable length = L [m]
Wire cross section [mm²]

Description Part No.



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

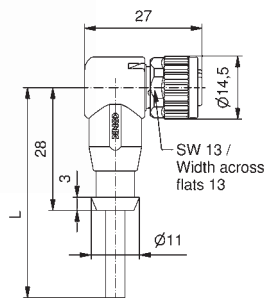
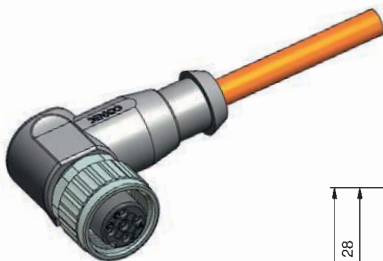
Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RKW3-2 / K1	43-10180
						SAL-12-RKW3-3 / K1	43-10181
						SAL-12-RKW3-5 / K1	43-10182
						SAL-12-RKW3-10 / K1	43-10183
4	A	250	4	2	0,34	SAL-12-RKW4-2 / K1	43-10200
						SAL-12-RKW4-3 / K1	43-10201
						SAL-12-RKW4-5 / K1	43-10202
						SAL-12-RKW4-10 / K1	43-10203
5	A	60	4	2	0,34	SAL-12-RKW5-2 / K1	43-10220
						SAL-12-RKW5-3 / K1	43-10221
						SAL-12-RKW5-5 / K1	43-10222
						SAL-12-RKW5-10 / K1	43-10223
6	A	30	2	2	0,25	SAL-12-RKW6-2 / K1	43-11046
						SAL-12-RKW6-3 / K1	43-11047
						SAL-12-RKW6-5 / K1	43-11048
						SAL-12-RKW6-10 / K1	43-11049
8	A	30	2	2	0,25	SAL-12-RKW8-2 / K1	43-11050
						SAL-12-RKW8-3 / K1	43-11051
						SAL-12-RKW8-5 / K1	43-11052
						SAL-12-RKW8-10 / K1	43-11053

TPU, UL, irradiated, orange Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RKW3-2 / J1	43-10184
						SAL-12-RKW3-3 / J1	43-10185
						SAL-12-RKW3-5 / J1	43-10186
						SAL-12-RKW3-10 / J1	43-10187
4	A	250	4	2	0,34	SAL-12-RKW4-2 / J1	43-10204
						SAL-12-RKW4-3 / J1	43-10205
						SAL-12-RKW4-5 / J1	43-10206
						SAL-12-RKW4-10 / J1	43-10207
5	A	60	4	2	0,34	SAL-12-RKW5-2 / J1	43-10224
						SAL-12-RKW5-3 / J1	43-10225
						SAL-12-RKW5-5 / J1	43-10226
						SAL-12-RKW5-10 / J1	43-10227

M12x1 CONNECTORS OVERMOULDED with 2-LED

Female connector angled

PVC, grey, LiYY

Contact assignment

Number of poles

Coding

Rated voltage [V]

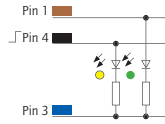
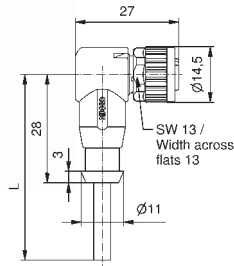
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



3

A

30

4

0,34

SAL-12-RKW3-2L-2/A1

43-10368

SAL-12-RKW3-2L-3/A1

43-10369

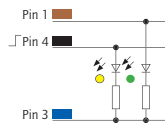
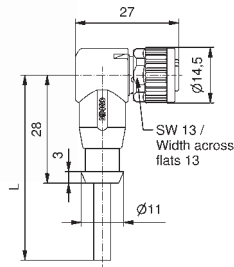
SAL-12-RKW3-2L-5/A1

43-10370

SAL-12-RKW3-2L-10/A1

43-10371

TPU, UL, halogenfree, black, Li9Y11Y



3

A

30

4

0,34

SAL-12-RKW3-2L-2/K1

43-10868

SAL-12-RKW3-2L-3/K1

43-10869

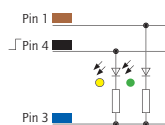
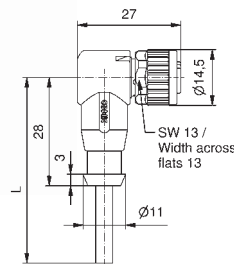
SAL-12-RKW3-2L-5/K1

43-10870

SAL-12-RKW3-2L-10/K1

43-10871

TPU, UL, irradiated, orange Li12Y11X



3

A

30

4

0,34

SAL-12-RKW3-2L-2/J1

43-10872

SAL-12-RKW3-2L-3/J1

43-10873

SAL-12-RKW3-2L-5/J1

43-10874

SAL-12-RKW3-2L-10/J1

43-10875

M12x1 CONNECTORS OVERMOULDED with 3-LED

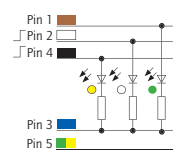
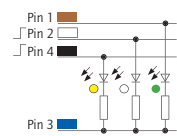
Female connector angled

PVC, grey, LiYY

Contact assignment

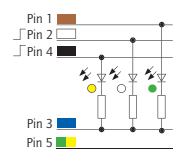
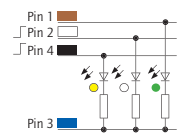
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	30	4	2	0,34	SAL-12-RKW4-3L-2/A1	43-10424
						SAL-12-RKW4-3L-3/A1	43-10425
						SAL-12-RKW4-3L-5/A1	43-10426
						SAL-12-RKW4-3L-10/A1	43-10427
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2/A1	43-10444
						SAL-12-RKW5-3L-3/A1	43-10445
						SAL-12-RKW5-3L-5/A1	43-10446
						SAL-12-RKW5-3L-10/A1	43-10447

TPU, UL, halogenfree, black, Li9Y11Y

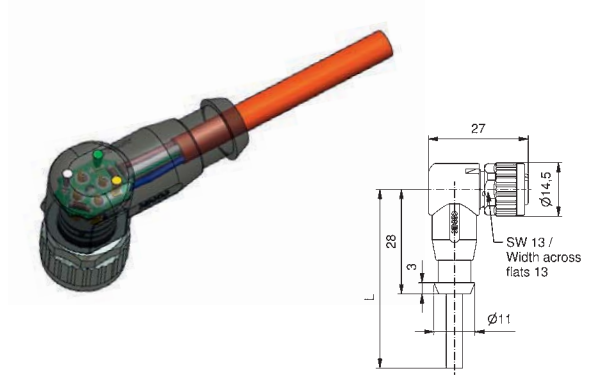
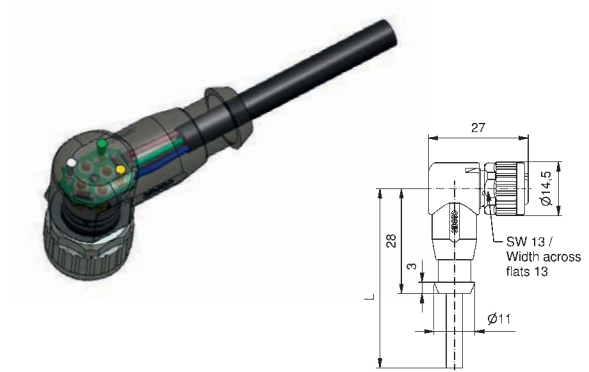
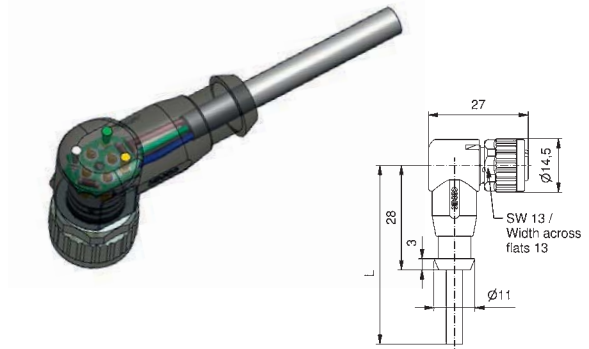


4	A	30	4	2	0,34	SAL-12-RKW4-3L-2/K1	43-10436
						SAL-12-RKW4-3L-3/K1	43-10437
						SAL-12-RKW4-3L-5/K1	43-10438
						SAL-12-RKW4-3L-10/K1	43-10439
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2/K1	43-10456
						SAL-12-RKW5-3L-3/K1	43-10457
						SAL-12-RKW5-3L-5/K1	43-10458
						SAL-12-RKW5-3L-10/K1	43-10459

TPU, UL, irradiated, orange Li12Y11X



4	A	30	4	2	0,34	SAL-12-RKW4-3L-2/J1	43-10440
						SAL-12-RKW4-3L-3/J1	43-10441
						SAL-12-RKW4-3L-5/J1	43-10442
						SAL-12-RKW4-3L-10/J1	43-10443
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2/J1	43-10460
						SAL-12-RKW5-3L-3/J1	43-10461
						SAL-12-RKW5-3L-5/J1	43-10462
						SAL-12-RKW5-3L-10/J1	43-10463

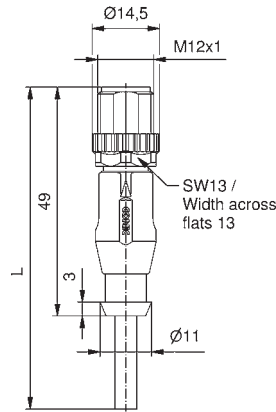


M12x1 CONNECTORS OVERMOULDED

Male connector axial

PVC, grey, LiYY

Contact assignment



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■
Pin 6 ■

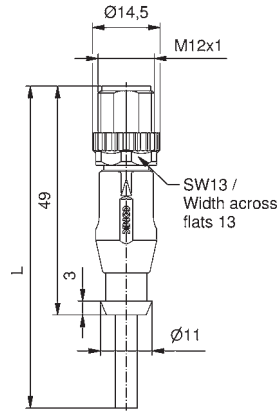
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RS3-2/A1	43-10084
						SAL-12-RS3-3/A1	43-10085
						SAL-12-RS3-5/A1	43-10086
						SAL-12-RS3-10/A1	43-10087
4	A	250	4	2	0,34	SAL-12-RS4-2/A1	43-10104
						SAL-12-RS4-3/A1	43-10105
						SAL-12-RS4-5/A1	43-10106
						SAL-12-RS4-10/A1	43-10107
5	A	60	4	2	0,34	SAL-12-RS5-2/A1	43-10124
						SAL-12-RS5-3/A1	43-10125
						SAL-12-RS5-5/A1	43-10126
						SAL-12-RS5-10/A1	43-10127
6	A	30	2	2	0,25	SAL-12-RS6-2/A1	43-10144
						SAL-12-RS6-3/A1	43-10145
						SAL-12-RS6-5/A1	43-10146
						SAL-12-RS6-10/A1	43-10147
8	A	30	2	2	0,25	SAL-12-RS8-2/A1	43-10156
						SAL-12-RS8-3/A1	43-10157
						SAL-12-RS8-5/A1	43-10158
						SAL-12-RS8-10/A1	43-10159
12	A	30	1,5	2	0,14	SAL-12-RS12-2/A3	43-11272
						SAL-12-RS12-3/A3	43-11273
						SAL-12-RS12-5/A3	43-11274
						SAL-12-RS12-10/A3	43-11275

Pin 4 ■
Pin 5 ■
Pin 6 ■
Pin 7 ■
Pin 8 ■
Pin 9 ■
Pin 10 ■
Pin 11 ■
Pin 12 ■

M12x1 CONNECTORS OVERMOULDED

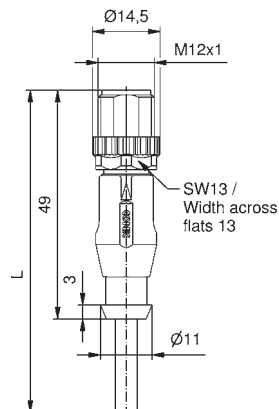
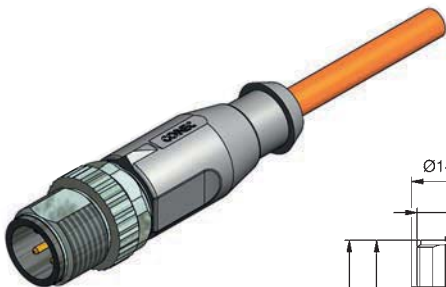
Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
Pin 1 Pin 3 Pin 4	3	A	250	4	2	0,34	SAL-12-RS3-2/K1	43-10096
							SAL-12-RS3-3/K1	43-10097
							SAL-12-RS3-5/K1	43-10098
							SAL-12-RS3-10/K1	43-10099
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	2	0,34	SAL-12-RS4-2/K1	43-10116
							SAL-12-RS4-3/K1	43-10117
							SAL-12-RS4-5/K1	43-10118
							SAL-12-RS4-10/K1	43-10119
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	2	0,34	SAL-12-RS5-2/K1	43-10136
							SAL-12-RS5-3/K1	43-10137
							SAL-12-RS5-5/K1	43-10138
							SAL-12-RS5-10/K1	43-10139
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7	6	A	30	2	2	0,25	SAL-12-RS6-2/K1	43-11058
							SAL-12-RS6-3/K1	43-11059
							SAL-12-RS6-5/K1	43-11060
							SAL-12-RS6-10/K1	43-11061
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	2	0,25	SAL-12-RS8-2/K1	43-11062
							SAL-12-RS8-3/K1	43-11063
							SAL-12-RS8-5/K1	43-11064
							SAL-12-RS8-10/K1	43-11065
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	2	0,14	SAL-12-RS12-2/K1	43-11276
							SAL-12-RS12-3/K1	43-11277
							SAL-12-RS12-5/K1	43-11278
							SAL-12-RS12-10/K1	43-11279

TPU, UL, irradiated, orange Li12Y11X



Pin 1 Pin 3 Pin 4	3	A	250	4	2	0,34	SAL-12-RS3-2/J1	43-10100
							SAL-12-RS3-3/J1	43-10101
							SAL-12-RS3-5/J1	43-10102
							SAL-12-RS3-10/J1	43-10103
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	2	0,34	SAL-12-RS4-2/J1	43-10120
							SAL-12-RS4-3/J1	43-10121
							SAL-12-RS4-5/J1	43-10122
							SAL-12-RS4-10/J1	43-10123
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	2	0,34	SAL-12-RS5-2/J1	43-10140
							SAL-12-RS5-3/J1	43-10141
							SAL-12-RS5-5/J1	43-10142
							SAL-12-RS5-10/J1	43-10143

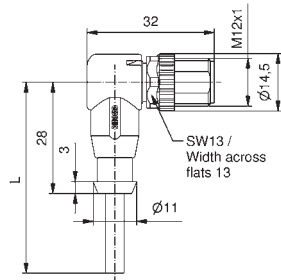
M12x1 CONNECTORS OVERMOULDED

Male connector angled

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,34	2	SAL-12-RSW3-2 / A1 / A1090	43-14424
					3	SAL-12-RSW3-3 / A1 / A1090	43-14425
					5	SAL-12-RSW3-5 / A1 / A1090	43-14426
					10	SAL-12-RSW3-10 / A1 / A1090	43-14427
4	A	250	4	0,34	2	SAL-12-RSW4-2 / A1 / A1090	43-14436
					3	SAL-12-RSW4-3 / A1 / A1090	43-14437
					5	SAL-12-RSW4-5 / A1 / A1090	43-14438
					10	SAL-12-RSW4-10 / A1 / A1090	43-14439
5	A	60	4	0,34	2	SAL-12-RSW5-2 / A1 / A1090	43-14448
					3	SAL-12-RSW5-3 / A1 / A1090	43-14449
					5	SAL-12-RSW5-5 / A1 / A1090	43-14450
					10	SAL-12-RSW5-10 / A1 / A1090	43-14451
6	A	30	2	0,25	2	SAL-12-RSW6-2 / A1 / A1090	43-14460
					3	SAL-12-RSW6-3 / A1 / A1090	43-14461
					5	SAL-12-RSW6-5 / A1 / A1090	43-14462
					10	SAL-12-RSW6-10 / A1 / A1090	43-14463
8	A	30	2	0,25	2	SAL-12-RSW8-2 / A1 / A1090	43-14468
					3	SAL-12-RSW8-3 / A1 / A1090	43-14469
					5	SAL-12-RSW8-5 / A1 / A1090	43-14470
					10	SAL-12-RSW8-10 / A1 / A1090	43-14471



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■

Pin 4 ■
Pin 6 ■
Pin 7 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 5 ■
Pin 6 ■
Pin 7 ■
Pin 8 ■

M12x1 CONNECTORS OVERMOULDED

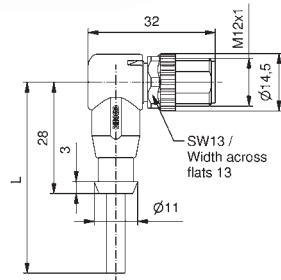
Male connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles
Coding
Rated voltage [V]
Current rating [A]
Cable length = L [m]
Wire cross section [mm²]

Description
Part No.



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

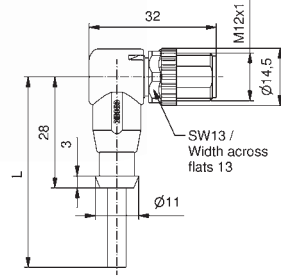
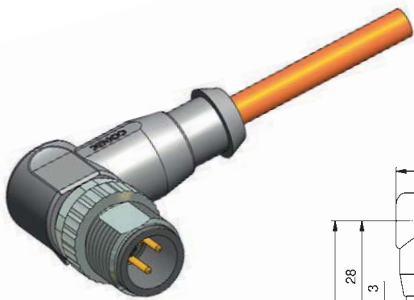
Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RSW3-2 / K1 / A1090	43-14428
						SAL-12-RSW3-3 / K1 / A1090	43-14429
						SAL-12-RSW3-5 / K1 / A1090	43-14430
						SAL-12-RSW3-10 / K1 / A1090	43-14431
4	A	250	4	2	0,34	SAL-12-RSW4-2 / K1 / A1090	43-14440
						SAL-12-RSW4-3 / K1 / A1090	43-14441
						SAL-12-RSW4-5 / K1 / A1090	43-14442
						SAL-12-RSW4-10 / K1 / A1090	43-14443
5	A	60	4	2	0,34	SAL-12-RSW5-2 / K1 / A1090	43-14452
						SAL-12-RSW5-3 / K1 / A1090	43-14453
						SAL-12-RSW5-5 / K1 / A1090	43-14454
						SAL-12-RSW5-10 / K1 / A1090	43-14455
6	A	30	2	2	0,25	SAL-12-RSW6-2 / K1 / A1090	43-14464
						SAL-12-RSW6-3 / K1 / A1090	43-14465
						SAL-12-RSW6-5 / K1 / A1090	43-14466
						SAL-12-RSW6-10 / K1 / A1090	43-14467
8	A	30	2	2	0,25	SAL-12-RSW8-2 / K1 / A1090	43-14472
						SAL-12-RSW8-3 / K1 / A1090	43-14473
						SAL-12-RSW8-5 / K1 / A1090	43-14474
						SAL-12-RSW8-10 / K1 / A1090	43-14475

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 4
Pin 6
Pin 7

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RSW3-2 / J1 / A1090	43-14432
						SAL-12-RSW3-3 / J1 / A1090	43-14433
						SAL-12-RSW3-5 / J1 / A1090	43-14434
						SAL-12-RSW3-10 / J1 / A1090	43-14435
4	A	250	4	2	0,34	SAL-12-RSW4-2 / J1 / A1090	43-14444
						SAL-12-RSW4-3 / J1 / A1090	43-14445
						SAL-12-RSW4-5 / J1 / A1090	43-14446
						SAL-12-RSW4-10 / J1 / A1090	43-14447
5	A	60	4	2	0,34	SAL-12-RSW5-2 / J1 / A1090	43-14456
						SAL-12-RSW5-3 / J1 / A1090	43-14457
						SAL-12-RSW5-5 / J1 / A1090	43-14458
						SAL-12-RSW5-10 / J1 / A1090	43-14459



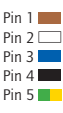


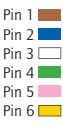
M12x1 CONNECTORS OVERMOULDED

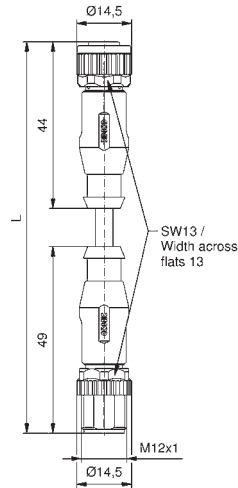
Connecting cable

Female connector axial
Male connector axial

PVC, grey, LiYY

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
 Pin 1 ■ Pin 3 ■ Pin 4 ■	3	A	250	4	0,3	0,34	SAL-12-RK3-RS3-0,3/A1	43-10544
					0,6	0,34	SAL-12-RK3-RS3-0,6/A1	43-10545
					1,5	0,34	SAL-12-RK3-RS3-1,5/A1	43-10546
					3	0,34	SAL-12-RK3-RS3-3/A1	43-10547
 Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■	4	A	250	4	0,3	0,34	SAL-12-RK4-RS4-0,3/A1	43-10564
					0,6	0,34	SAL-12-RK4-RS4-0,6/A1	43-10565
					1,5	0,34	SAL-12-RK4-RS4-1,5/A1	43-10566
					3	0,34	SAL-12-RK4-RS4-3/A1	43-10567
 Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■	5	A	60	4	0,3	0,34	SAL-12-RK5-RS5-0,3/A1	43-10584
					0,6	0,34	SAL-12-RK5-RS5-0,6/A1	43-10585
					1,5	0,34	SAL-12-RK5-RS5-1,5/A1	43-10586
					3	0,34	SAL-12-RK5-RS5-3/A1	43-10587
 Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 6 ■ Pin 7 ■	6	A	30	2	0,3	0,25	SAL-12-RK6-RS6-0,3/A1	43-11070
					0,6	0,25	SAL-12-RK6-RS6-0,6/A1	43-11071
					1,5	0,25	SAL-12-RK6-RS6-1,5/A1	43-11072
					3	0,25	SAL-12-RK6-RS6-3/A1	43-11073
 Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■ Pin 6 ■ Pin 7 ■ Pin 8 ■	8	A	30	2	0,3	0,25	SAL-12-RK8-RS8-0,3/A1	43-10596
					0,6	0,25	SAL-12-RK8-RS8-0,6/A1	43-10597
					1,5	0,25	SAL-12-RK8-RS8-1,5/A1	43-10598
					3	0,25	SAL-12-RK8-RS8-3/A1	43-10599
 Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■ Pin 6 ■ Pin 7 ■ Pin 8 ■ Pin 9 ■ Pin 10 ■ Pin 11 ■ Pin 12 ■	12	A	30	1,5	0,3	0,14	SAL-12-RK12-RS12-0,3/A3	43-15277
					0,6	0,14	SAL-12-RK12-RS12-0,6/A3	43-15278
					1,5	0,14	SAL-12-RK12-RS12-1,5/A3	43-15279
					3	0,14	SAL-12-RK12-RS12-3/A3	43-15280



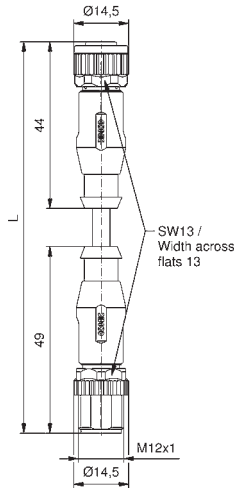
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

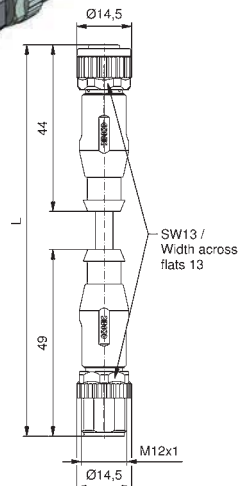
Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,3	0,25	SAL-12-RK3-RS3-0,3 / K1	43-10556
						SAL-12-RK3-RS3-0,6 / K1	43-10557
						SAL-12-RK3-RS3-1,5 / K1	43-10558
						SAL-12-RK3-RS3-3 / K1	43-10559
4	A	250	4	0,3	0,25	SAL-12-RK4-RS4-0,3 / K1	43-10576
						SAL-12-RK4-RS4-0,6 / K1	43-10577
						SAL-12-RK4-RS4-1,5 / K1	43-10578
						SAL-12-RK4-RS4-3 / K1	43-10579
5	A	60	4	0,3	0,34	SAL-12-RK5-RS5-0,3 / K1	43-10672
						SAL-12-RK5-RS5-0,6 / K1	43-10673
						SAL-12-RK5-RS5-1,5 / K1	43-10674
						SAL-12-RK5-RS5-3 / K1	43-10675
6	A	30	2	0,3	0,25	SAL-12-RK6-RS6-0,3 / K1	43-11078
						SAL-12-RK6-RS6-0,6 / K1	43-11079
						SAL-12-RK6-RS6-1,5 / K1	43-11080
						SAL-12-RK6-RS6-3 / K1	43-11081
8	A	30	2	0,3	0,25	SAL-12-RK8-RS8-0,3 / K1	43-11054
						SAL-12-RK8-RS8-0,6 / K1	43-11055
						SAL-12-RK8-RS8-1,5 / K1	43-11056
						SAL-12-RK8-RS8-3 / K1	43-11057
12	A	30	1,5	0,3	0,14	SAL-12-RK12-RS12-0,3 / K1	43-13662
						SAL-12-RK12-RS12-0,6 / K1	43-15281
						SAL-12-RK12-RS12-1,5 / K1	43-15282
						SAL-12-RK12-RS12-3 / K1	43-15283

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

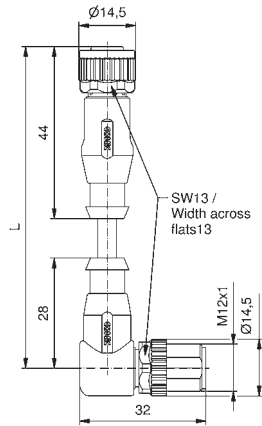
3	A	250	4	0,3	0,34	SAL-12-RK3-RS3-0,3 / J1	43-10560
						SAL-12-RK3-RS3-0,6 / J1	43-10561
						SAL-12-RK3-RS3-1,5 / J1	43-10562
						SAL-12-RK3-RS3-3 / J1	43-10563
4	A	250	4	0,3	0,34	SAL-12-RK4-RS4-0,3 / J1	43-10580
						SAL-12-RK4-RS4-0,6 / J1	43-10581
						SAL-12-RK4-RS4-1,5 / J1	43-10582
						SAL-12-RK4-RS4-3 / J1	43-10583
5	A	60	4	0,3	0,34	SAL-12-RK5-RS5-0,3 / J1	43-10676
						SAL-12-RK5-RS5-0,6 / J1	43-10677
						SAL-12-RK5-RS5-1,5 / J1	43-10678
						SAL-12-RK5-RS5-3 / J1	43-10679

M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector angled

PVC, grey, LiYY



Contact assignment

Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■

Number of poles

Coding

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,34	0,3	SAL-12-RK3-RSW3-0,3/A1/A1090	43-14593
						SAL-12-RK3-RSW3-0,6/A1/A1090	43-14594
						SAL-12-RK3-RSW3-1,5/A1/A1090	43-14595
						SAL-12-RK3-RSW3-3/A1/A1090	43-14596
4	A	250	4	0,34	0,3	SAL-12-RK4-RSW4-0,3/A1/A1090	43-14605
						SAL-12-RK4-RSW4-0,6/A1/A1090	43-14606
						SAL-12-RK4-RSW4-1,5/A1/A1090	43-14607
						SAL-12-RK4-RSW4-3/A1/A1090	43-14608
5	A	60	4	0,34	0,3	SAL-12-RK5-RSW5-0,3/A1/A1090	43-14617
						SAL-12-RK5-RSW5-0,6/A1/A1090	43-14618
						SAL-12-RK5-RSW5-1,5/A1/A1090	43-14619
						SAL-12-RK5-RSW5-3/A1/A1090	43-14620
6	A	30	2	0,25	0,3	SAL-12-RK6-RSW6-0,3/A1/A1090	43-14629
						SAL-12-RK6-RSW6-0,6/A1/A1090	43-14630
						SAL-12-RK6-RSW6-1,5/A1/A1090	43-14631
						SAL-12-RK6-RSW6-3/A1/A1090	43-14632
8	A	30	2	0,25	0,3	SAL-12-RK8-RSW8-0,3/A1/A1090	43-14637
						SAL-12-RK8-RSW8-0,6/A1/A1090	43-14638
						SAL-12-RK8-RSW8-1,5/A1/A1090	43-14639
						SAL-12-RK8-RSW8-3/A1/A1090	43-14640

Pin 4 ■
Pin 5 ■
Pin 6 ■
Pin 7 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 5 ■
Pin 6 ■
Pin 7 ■
Pin 8 ■

M12x1 CONNECTORS OVERMOULDED

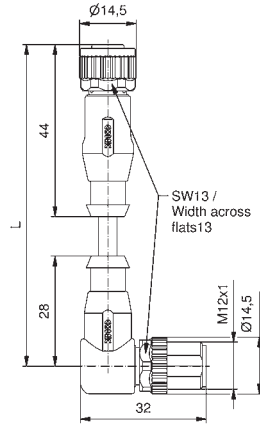
Connecting cable

Female connector axial
Male connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,34	0,3	SAL-12-RK3-RSW3-0,3 / K1 / A1090	43-14597
					0,6	SAL-12-RK3-RSW3-0,6 / K1 / A1090	43-14598
					1,5	SAL-12-RK3-RSW3-1,5 / K1 / A1090	43-14599
					3	SAL-12-RK3-RSW3-3 / K1 / A1090	43-14600
4	A	250	4	0,34	0,3	SAL-12-RK4-RSW4-0,3 / K1 / A1090	43-14609
					0,6	SAL-12-RK4-RSW4-0,6 / K1 / A1090	43-14610
					1,5	SAL-12-RK4-RSW4-1,5 / K1 / A1090	43-14611
					3	SAL-12-RK4-RSW4-3 / K1 / A1090	43-14612
5	A	60	4	0,34	0,3	SAL-12-RK5-RSW5-0,3 / K1 / A1090	43-14621
					0,6	SAL-12-RK5-RSW5-0,6 / K1 / A1090	43-14622
					1,5	SAL-12-RK5-RSW5-1,5 / K1 / A1090	43-14623
					3	SAL-12-RK5-RSW5-3 / K1 / A1090	43-14624
6	A	30	2	0,25	0,3	SAL-12-RK6-RSW6-0,3 / K1 / A1090	43-14633
					0,6	SAL-12-RK6-RSW6-0,6 / K1 / A1090	43-14634
					1,5	SAL-12-RK6-RSW6-1,5 / K1 / A1090	43-14635
					3	SAL-12-RK6-RSW6-3 / K1 / A1090	43-14636
8	A	30	2	0,25	0,3	SAL-12-RK8-RSW8-0,3 / K1 / A1090	43-14641
					0,6	SAL-12-RK8-RSW8-0,6 / K1 / A1090	43-14642
					1,5	SAL-12-RK8-RSW8-1,5 / K1 / A1090	43-14643
					3	SAL-12-RK8-RSW8-3 / K1 / A1090	43-14644



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

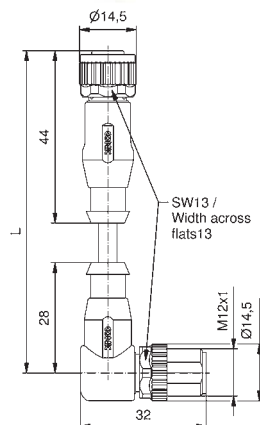
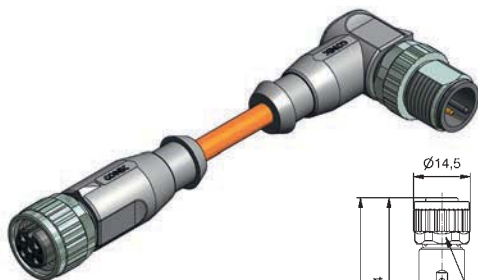
Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 4

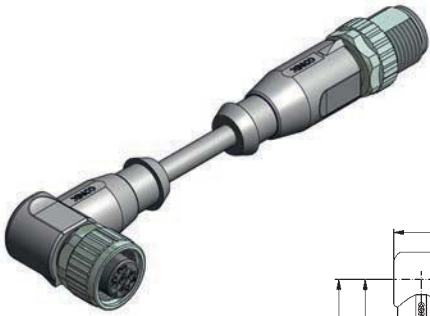
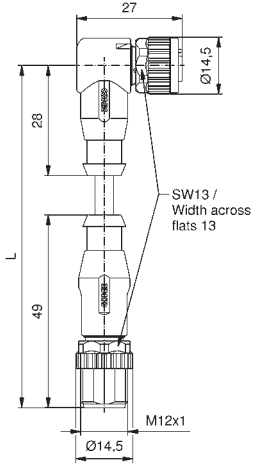
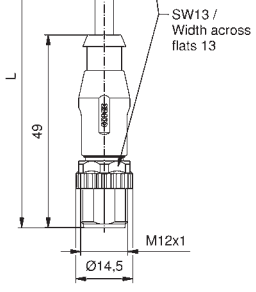
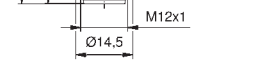
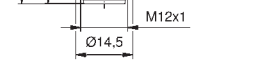
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector angled
Male connector axial

PVC, grey, LiYY

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.	
	3	A	250	4	0,34	0,3	SAL-12-RKW3-RS3-0,3/A1	43-10688	
							0,6	SAL-12-RKW3-RS3-0,6/A1	43-10689
							1,5	SAL-12-RKW3-RS3-1,5/A1	43-10690
							3	SAL-12-RKW3-RS3-3/A1	43-10691
	4	A	250	4	0,34	0,3	SAL-12-RKW4-RS4-0,3/A1	43-10708	
							0,6	SAL-12-RKW4-RS4-0,6/A1	43-10709
							1,5	SAL-12-RKW4-RS4-1,5/A1	43-10710
							3	SAL-12-RKW4-RS4-3/A1	43-10711
	5	A	60	4	0,34	0,3	SAL-12-RKW5-RS5-0,3/A1	43-10952	
							0,6	SAL-12-RKW5-RS5-0,6/A1	43-10953
							1,5	SAL-12-RKW5-RS5-1,5/A1	43-10954
							3	SAL-12-RKW5-RS5-3/A1	43-10955
	6	A	30	2	0,25	0,3	SAL-12-RKW6-RS6-0,3/A1	43-11082	
							0,6	SAL-12-RKW6-RS6-0,6/A1	43-11083
							1,5	SAL-12-RKW6-RS6-1,5/A1	43-11084
							3	SAL-12-RKW6-RS6-3/A1	43-11085
	8	A	30	2	0,25	0,3	SAL-12-RKW8-RS8-0,3/A1	43-10728	
							0,6	SAL-12-RKW8-RS8-0,6/A1	43-10729
							1,5	SAL-12-RKW8-RS8-1,5/A1	43-10730
							3	SAL-12-RKW8-RS8-3/A1	43-10731

- Pin 1
- Pin 3
- Pin 4

- Pin 1
- Pin 2
- Pin 3
- Pin 4

- Pin 1
- Pin 2
- Pin 3
- Pin 4
- Pin 5

- Pin 1
- Pin 2
- Pin 3
- Pin 4
- Pin 5
- Pin 6
- Pin 7

- Pin 1
- Pin 2
- Pin 3
- Pin 4
- Pin 5
- Pin 6
- Pin 7
- Pin 8

M12x1 CONNECTORS OVERMOULDED

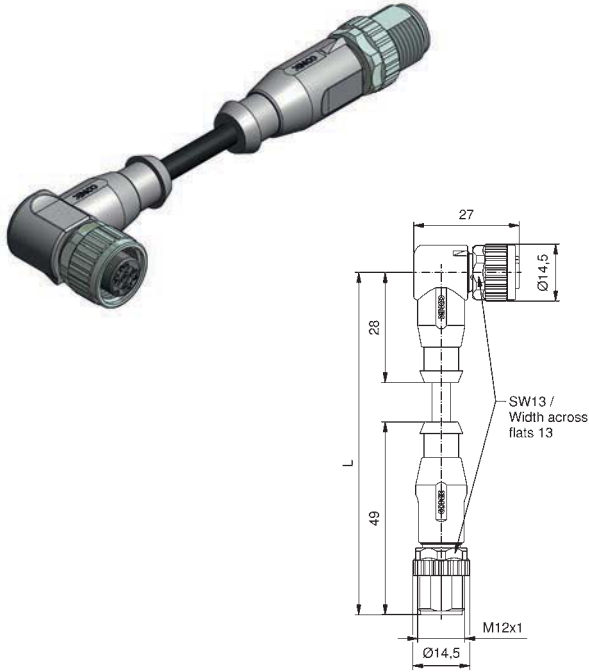
Connecting cable

Female connector angled
Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y

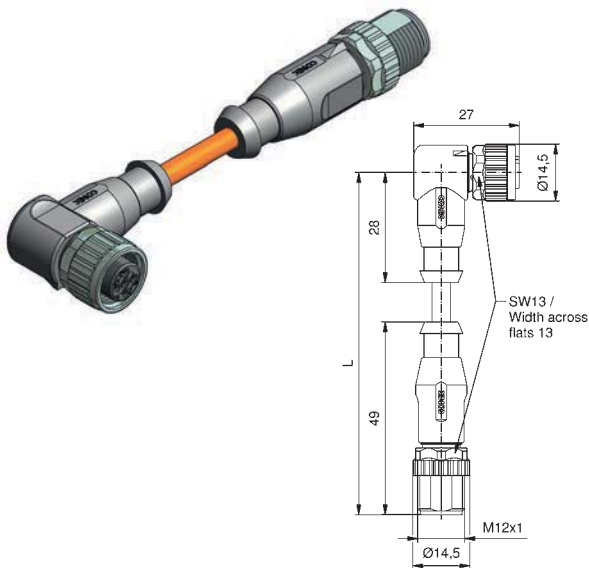
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,34	0,3	SAL-12-RKW3-RS3-0,3/K1	43-10700
					0,6	SAL-12-RKW3-RS3-0,6/K1	43-10701
					1,5	SAL-12-RKW3-RS3-1,5/K1	43-10702
					3	SAL-12-RKW3-RS3-3/K1	43-10703
4	A	250	4	0,34	0,3	SAL-12-RKW4-RS4-0,3/K1	43-10720
					0,6	SAL-12-RKW4-RS4-0,6/K1	43-10721
					1,5	SAL-12-RKW4-RS4-1,5/K1	43-10722
					3	SAL-12-RKW4-RS4-3/K1	43-10723
5	A	60	4	0,34	0,3	SAL-12-RKW5-RS5-0,3/K1	43-10964
					0,6	SAL-12-RKW5-RS5-0,6/K1	43-10965
					1,5	SAL-12-RKW5-RS5-1,5/K1	43-10966
					3	SAL-12-RKW5-RS5-3/K1	43-10967
6	A	30	2	0,25	0,3	SAL-12-RKW6-RS6-0,3/K1	43-11086
					0,6	SAL-12-RKW6-RS6-0,6/K1	43-11087
					1,5	SAL-12-RKW6-RS6-1,5/K1	43-11088
					3	SAL-12-RKW6-RS6-3/K1	43-11089
8	A	30	2	0,25	0,3	SAL-12-RKW8-RS8-0,3/K1	43-11106
					0,6	SAL-12-RKW8-RS8-0,6/K1	43-11107
					1,5	SAL-12-RKW8-RS8-1,5/K1	43-11108
					3	SAL-12-RKW8-RS8-3/K1	43-11109



TPU, UL, irradiated, orange, Li12Y11X

3	A	250	4	0,34	0,3	SAL-12-RKW3-RS3-0,3/J1	43-10704
					0,6	SAL-12-RKW3-RS3-0,6/J1	43-10705
					1,5	SAL-12-RKW3-RS3-1,5/J1	43-10706
					3	SAL-12-RKW3-RS3-3/J1	43-10707
4	A	250	4	0,34	0,3	SAL-12-RKW4-RS4-0,3/J1	43-10724
					0,6	SAL-12-RKW4-RS4-0,6/J1	43-10725
					1,5	SAL-12-RKW4-RS4-1,5/J1	43-10726
					3	SAL-12-RKW4-RS4-3/J1	43-10727
5	A	60	4	0,34	0,3	SAL-12-RKW5-RS5-0,3/J1	43-10968
					0,6	SAL-12-RKW5-RS5-0,6/J1	43-10969
					1,5	SAL-12-RKW5-RS5-1,5/J1	43-10970
					3	SAL-12-RKW5-RS5-3/J1	43-10971



M12x1 CONNECTORS OVERMOULDED
Connecting cable with 2-LED

Female connector angled with 2-LED
Male connector axial

PVC, grey, LiYY

Contact assignment

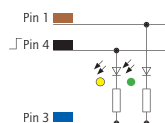
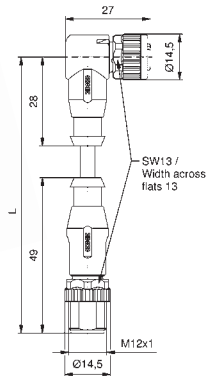
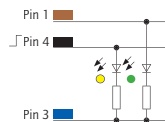
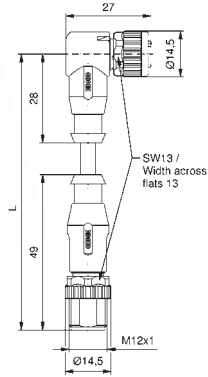
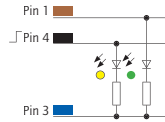
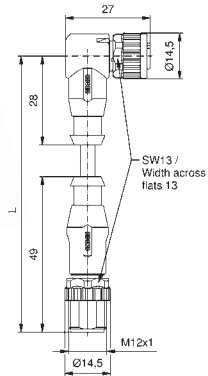
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	30	4	0,34	0,3	SAL-12-RKW3-RS3-2L-0,3/A1	43-10392
					0,6	SAL-12-RKW3-RS3-2L-0,6/A1	43-10393
					1,5	SAL-12-RKW3-RS3-2L-1,5/A1	43-10394
					3	SAL-12-RKW3-RS3-2L-3/A1	43-10395

TPU, UL, halogenfree, black, Li9Y11Y

3	A	30	4	0,34	0,3	SAL-12-RKW3-RS3-2L-0,3/K1	43-10884
					0,6	SAL-12-RKW3-RS3-2L-0,6/K1	43-10885
					1,5	SAL-12-RKW3-RS3-2L-1,5/K1	43-10886
					3	SAL-12-RKW3-RS3-2L-3/K1	43-10887

TPU, UL, irradiated, orange, Li12Y11X

3	A	30	4	0,34	0,3	SAL-12-RKW3-RS3-2L-0,3/J1	43-10888
					0,6	SAL-12-RKW3-RS3-2L-0,6/J1	43-10889
					1,5	SAL-12-RKW3-RS3-2L-1,5/J1	43-10890
					3	SAL-12-RKW3-RS3-2L-3/J1	43-10891



M12x1 CONNECTORS OVERMOULDED

Connecting cable with 3-LED

Female connector angled with 3-LED
Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	30	4	0,34	0,3	SAL-12-RKW4-RS4-3L-0,3 / A1	43-10416
					0,6	SAL-12-RKW4-RS4-3L-0,6 / A1	43-10417
					1,5	SAL-12-RKW4-RS4-3L-1,5 / A1	43-10418
					3	SAL-12-RKW4-RS4-3L-3 / A1	43-10419
5	A	30	4	0,34	0,3	SAL-12-RKW5-RS5-3L-0,3 / A1	43-10848
					0,6	SAL-12-RKW5-RS5-3L-0,6 / A1	43-10849
					1,5	SAL-12-RKW5-RS5-3L-1,5 / A1	43-10850
					3	SAL-12-RKW5-RS5-3L-3 / A1	43-10851

TPU, UL, halogenfree, black, Li9Y11Y

4	A	30	4	0,34	0,3	SAL-12-RKW4-RS4-3L-0,3 / K1	43-10840
					0,6	SAL-12-RKW4-RS4-3L-0,6 / K1	43-10841
					1,5	SAL-12-RKW4-RS4-3L-1,5 / K1	43-10842
					3	SAL-12-RKW4-RS4-3L-3 / K1	43-10843
5	A	30	4	0,34	0,3	SAL-12-RKW5-RS5-3L-0,3 / K1	43-10860
					0,6	SAL-12-RKW5-RS5-3L-0,6 / K1	43-10861
					1,5	SAL-12-RKW5-RS5-3L-1,5 / K1	43-10862
					3	SAL-12-RKW5-RS5-3L-3 / K1	43-10863

TPU, UL, irradiated, orange, Li12Y11X

4	A	30	4	0,34	0,3	SAL-12-RKW4-RS4-3L-0,3 / J1	43-10844
					0,6	SAL-12-RKW4-RS4-3L-0,6 / J1	43-10845
					1,5	SAL-12-RKW4-RS4-3L-1,5 / J1	43-10846
					3	SAL-12-RKW4-RS4-3L-3 / J1	43-10847
5	A	30	4	0,34	0,3	SAL-12-RKW5-RS5-3L-0,3 / J1	43-10864
					0,6	SAL-12-RKW5-RS5-3L-0,6 / J1	43-10865
					1,5	SAL-12-RKW5-RS5-3L-1,5 / J1	43-10866
					3	SAL-12-RKW5-RS5-3L-3 / J1	43-10867

M12x1 – M8x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector M12x1, axial
Male connector M8x1, axial

PVC, grey, LiYY

Contact assignment

Number of poles

Coding

Rated voltage [V]

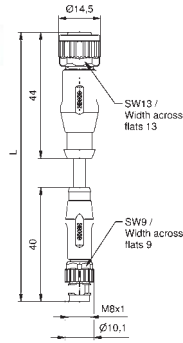
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



Pin 1 ■
Pin 3 ■
Pin 4 ■

3

A

50 V AC / 60 V DC

3

0,25

SAL-12-RK3-8-RS3-0,3/A1

43-11430

SAL-12-RK3-8-RS3-0,6/A1

43-11431

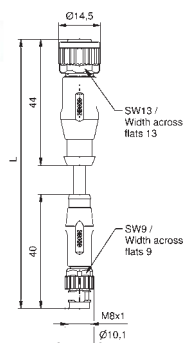
SAL-12-RK3-8-RS3-1,5/A1

43-11432

SAL-12-RK3-8-RS3-3/A1

43-11433

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 ■
Pin 3 ■
Pin 4 ■

3

A

50 V AC / 60 V DC

3

0,25

SAL-12-RK3-8-RS3-0,3/K1

43-11434

SAL-12-RK3-8-RS3-0,6/K1

43-11435

SAL-12-RK3-8-RS3-1,5/K1

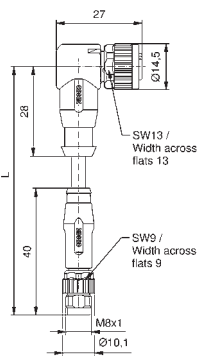
43-11436

SAL-12-RK3-8-RS3-3/K1

43-11437

Female connector M12x1, angled
Male connector M8x1, axial

PVC, grey, LiYY



Pin 1 ■
Pin 3 ■
Pin 4 ■

3

A

50 V AC / 60 V DC

3

0,25

SAL-12-RKW3-8-RS3-0,3/A1

43-11438

SAL-12-RKW3-8-RS3-0,6/A1

43-11439

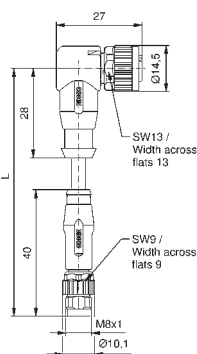
SAL-12-RKW3-8-RS3-1,5/A1

43-11440

SAL-12-RKW3-8-RS3-3/A1

43-11441

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 ■
Pin 3 ■
Pin 4 ■

3

A

50 V AC / 60 V DC

3

0,25

SAL-12-RKW3-8-RS3-0,3/K1

43-11442

SAL-12-RKW3-8-RS3-0,6/K1

43-11443

SAL-12-RKW3-8-RS3-1,5/K1

43-11444

SAL-12-RKW3-8-RS3-3/K1

43-11445

M12x1 – M8x1 CONNECTORS OVERMOULDED

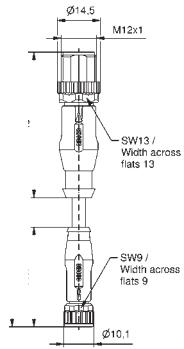
Connecting cable

Male connector M12x1, axial
Female connector M8x1, axial

PVC, grey, LiYY

Contact assignment

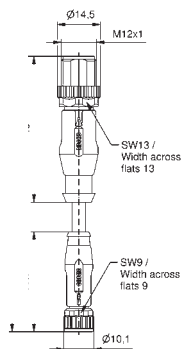
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RS3-8-RK3-0,3 / A1	43-11446
						SAL-12-RS3-8-RK3-0,6 / A1	43-11447
						SAL-12-RS3-8-RK3-1,5 / A1	43-11448
						SAL-12-RS3-8-RK3-3 / A1	43-11449



Pin 1 ■
Pin 3 ■
Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RS3-8-RK3-0,3 / K1	43-11450
						SAL-12-RS3-8-RK3-0,6 / K1	43-11451
						SAL-12-RS3-8-RK3-1,5 / K1	43-11452
						SAL-12-RS3-8-RK3-3 / K1	43-11453

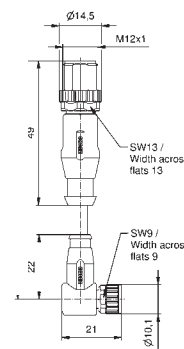


Pin 1 ■
Pin 3 ■
Pin 4 ■

Male connector M12x1, axial
Female connector M8x1, angled

PVC, grey, LiYY

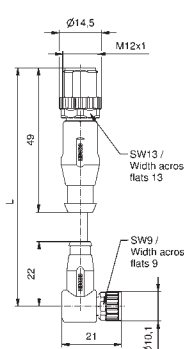
3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RS3-8-RKW3-0,3 / A1	43-11454
						SAL-12-RS3-8-RKW3-0,6 / A1	43-11455
						SAL-12-RS3-8-RKW3-1,5 / A1	43-11456
						SAL-12-RS3-8-RKW3-3 / A1	43-11457



Pin 1 ■
Pin 3 ■
Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RS3-8-RKW3-0,3 / K1	43-11458
						SAL-12-RS3-8-RKW3-0,6 / K1	43-11459
						SAL-12-RS3-8-RKW3-1,5 / K1	43-11460
						SAL-12-RS3-8-RKW3-3 / K1	43-11461



Pin 1 ■
Pin 3 ■
Pin 4 ■

M12x1 CONNECTORS OVERMOULDED

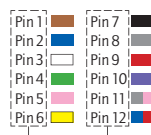
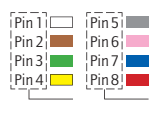
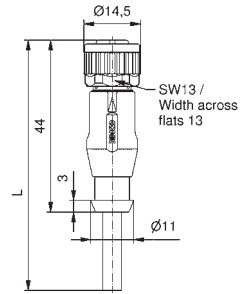
360° shielding

Female connector axial

PVC, UL, grey, LiYCY

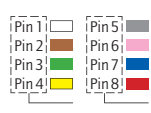
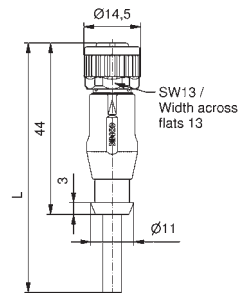
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.					
4	A	160	4	2	0,34	SAL-12S-RK4-2/G3	43-10336					
						SAL-12S-RK4-3/G3	43-10337					
						SAL-12S-RK4-5/G3	43-10338					
						SAL-12S-RK4-10/G3	43-10339					
5	A	60	4	2	0,25	SAL-12S-RK5.1-2/G3	43-10344					
						SAL-12S-RK5.1-3/G3	43-10345					
						SAL-12S-RK5.1-5/G3	43-10346					
						SAL-12S-RK5.1-10/G3	43-10347					
8	A	30	2	2	0,25	SAL-12S-RK8-2/G3	43-10972					
						SAL-12S-RK8-3/G3	43-10973					
						SAL-12S-RK8-5/G3	43-10974					
10	A	30	2	2	0,25	SAL-12S-RK8-10/G3	43-10975					
						12	A	30	1,5	0,14	SAL-12S-RK12-2/G3	43-11280
											SAL-12S-RK12-3/G3	43-11281
SAL-12S-RK12-5/G3	43-11282											
SAL-12S-RK12-10/G3	43-11283											



TPU, UL, halogenfree, black, Li9YC11Y

4	A	160	4	2	0,34	SAL-12S-RK4-2/G2	43-10340					
						SAL-12S-RK4-3/G2	43-10341					
						SAL-12S-RK4-5/G2	43-10342					
						SAL-12S-RK4-10/G2	43-10343					
5	A	60	4	2	0,25	SAL-12S-RK5.1-2/G2	43-10348					
						SAL-12S-RK5.1-3/G2	43-10349					
						SAL-12S-RK5.1-5/G2	43-10350					
						SAL-12S-RK5.1-10/G2	43-10351					
8	A	30	2	2	0,25	SAL-12S-RK8-2/G2	43-10976					
						SAL-12S-RK8-3/G2	43-10977					
						SAL-12S-RK8-5/G2	43-10978					
10	A	30	2	2	0,25	SAL-12S-RK8-10/G2	43-10979					
						12	A	30	1,5	0,14	SAL-12S-RK12-2/G2	43-11284
											SAL-12S-RK12-3/G2	43-11285
SAL-12S-RK12-5/G2	43-11286											
SAL-12S-RK12-10/G2	43-11287											

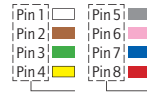
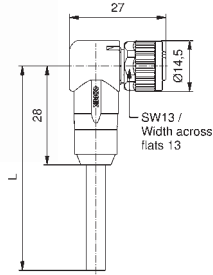


M12x1 CONNECTORS OVERMOULDED
360° shielding

Female connector angled

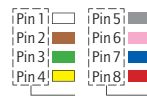
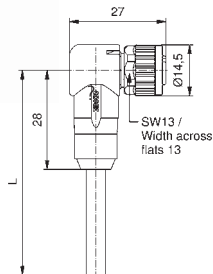
PVC, UL, grey, LiYCY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RKW4-2 / G3	43-12415
						SAL-12S-RKW4-3 / G3	43-12416
						SAL-12S-RKW4-5 / G3	43-12417
						SAL-12S-RKW4-10 / G3	43-12418
5	A	60	4	2	0,25	SAL-12S-RKW5.1-2 / G3	43-12423
						SAL-12S-RKW5.1-3 / G3	43-12424
						SAL-12S-RKW5.1-5 / G3	43-12425
						SAL-12S-RKW5.1-10 / G3	43-12426
8	A	30	2	2	0,25	SAL-12S-RKW8-2 / G3	43-12431
						SAL-12S-RKW8-3 / G3	43-12432
						SAL-12S-RKW8-5 / G3	43-12433
						SAL-12S-RKW8-10 / G3	43-12434

TPU, UL, halogenfree, black, Li9YC11Y



4	A	160	4	2	0,34	SAL-12S-RKW4-2 / G2	43-12419
						SAL-12S-RKW4-3 / G2	43-12420
						SAL-12S-RKW4-5 / G2	43-12421
						SAL-12S-RKW4-10 / G2	43-12422
5	A	60	4	2	0,25	SAL-12S-RKW5.1-2 / G2	43-12427
						SAL-12S-RKW5.1-3 / G2	43-12428
						SAL-12S-RKW5.1-5 / G2	43-12429
						SAL-12S-RKW5.1-10 / G2	43-12430
8	A	30	2	2	0,25	SAL-12S-RKW8-2 / G2	43-12435
						SAL-12S-RKW8-3 / G2	43-12436
						SAL-12S-RKW8-5 / G2	43-12437
						SAL-12S-RKW8-10 / G2	43-12438

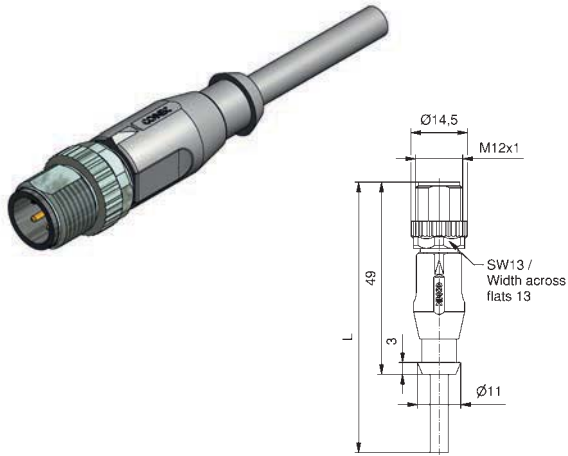
M12x1 CONNECTORS OVERMOULDED 360° shielding

Male connector axial

PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,34	2	SAL-12S-RS4-2 / G3	43-10352
					3	SAL-12S-RS4-3 / G3	43-10353
					5	SAL-12S-RS4-5 / G3	43-10354
					10	SAL-12S-RS4-10 / G3	43-10355
5	A	60	4	0,25	2	SAL-12S-RS5.1-2 / G3	43-10360
					3	SAL-12S-RS5.1-3 / G3	43-10361
					5	SAL-12S-RS5.1-5 / G3	43-10362
					10	SAL-12S-RS5.1-10 / G3	43-10363
8	A	30	2	0,25	2	SAL-12S-RS8-2 / G3	43-10980
					3	SAL-12S-RS8-3 / G3	43-10981
					5	SAL-12S-RS8-5 / G3	43-10982
					10	SAL-12S-RS8-10 / G3	43-10983
12	A	30	1,5	0,14	2	SAL-12S-RS12-2 / G3	43-11288
					3	SAL-12S-RS12-3 / G3	43-11289
					5	SAL-12S-RS12-5 / G3	43-11290
					10	SAL-12S-RS12-10 / G3	43-11291



TPU, UL, halogenfree, black, Li9YC11Y

4	A	160	4	0,34	2	SAL-12S-RS4-2 / G2	43-10356
					3	SAL-12S-RS4-3 / G2	43-10357
					5	SAL-12S-RS4-5 / G2	43-10358
					10	SAL-12S-RS4-10 / G2	43-10359
5	A	60	4	0,25	2	SAL-12S-RS5.1-2 / G2	43-10364
					3	SAL-12S-RS5.1-3 / G2	43-10365
					5	SAL-12S-RS5.1-5 / G2	43-10366
					10	SAL-12S-RS5.1-10 / G2	43-10367
8	A	30	2	0,25	2	SAL-12S-RS8-2 / G2	43-10984
					3	SAL-12S-RS8-3 / G2	43-10985
					5	SAL-12S-RS8-5 / G2	43-10986
					10	SAL-12S-RS8-10 / G2	43-10987
12	A	30	1,5	0,14	2	SAL-12S-RS12-2 / G2	43-11292
					3	SAL-12S-RS12-3 / G2	43-11293
					5	SAL-12S-RS12-5 / G2	43-11294
					10	SAL-12S-RS12-10 / G2	43-11295



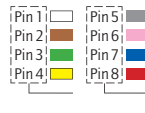
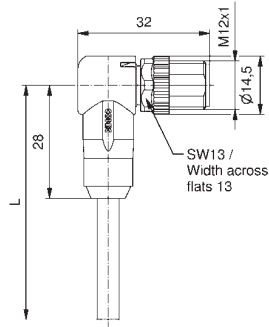
M12x1 CONNECTORS OVERMOULDED 360° shielding

Male connector angled

PVC, UL, grey, LiYCY

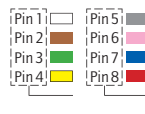
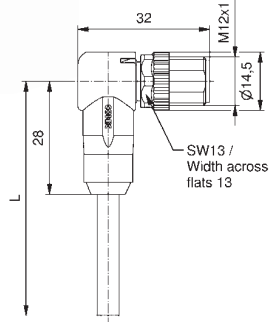
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RSW4-2/G3/A1090	43-14852
						SAL-12S-RSW4-3/G3/A1090	43-14853
						SAL-12S-RSW4-5/G3/A1090	43-14854
						SAL-12S-RSW4-10/G3/A1090	43-14855
5	A	60	4	2	0,25	SAL-12S-RSW5.1-2/G3/A1090	43-14860
						SAL-12S-RSW5.1-3/G3/A1090	43-14861
						SAL-12S-RSW5.1-5/G3/A1090	43-14862
						SAL-12S-RSW5.1-10/G3/A1090	43-14863
8	A	30	2	2	0,25	SAL-12S-RSW8-2/G3/A1090	43-14868
						SAL-12S-RSW8-3/G3/A1090	43-14869
						SAL-12S-RSW8-5/G3/A1090	43-14870
						SAL-12S-RSW8-10/G3/A1090	43-14871



TPU, UL, halogenfree, black, Li9YC11Y

4	A	160	4	2	0,34	SAL-12S-RSW4-2/G2/A1090	43-14856
						SAL-12S-RSW4-3/G2/A1090	43-14857
						SAL-12S-RSW4-5/G2/A1090	43-14858
						SAL-12S-RSW4-10/G2/A1090	43-14859
5	A	60	4	2	0,25	SAL-12S-RSW5.1-2/G2/A1090	43-14864
						SAL-12S-RSW5.1-3/G2/A1090	43-14865
						SAL-12S-RSW5.1-5/G2/A1090	43-14866
						SAL-12S-RSW5.1-10/G2/A1090	43-14867
8	A	30	2	2	0,25	SAL-12S-RSW8-2/G2/A1090	43-14872
						SAL-12S-RSW8-3/G2/A1090	43-14873
						SAL-12S-RSW8-5/G2/A1090	43-14874
						SAL-12S-RSW8-10/G2/A1090	43-14875



M12x1 CONNECTORS OVERMOULDED

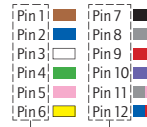
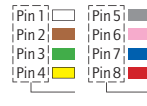
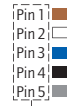
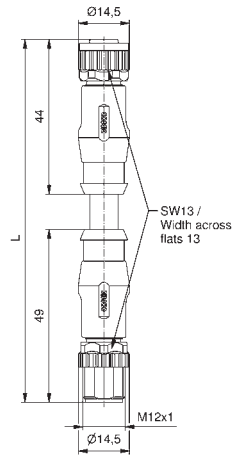
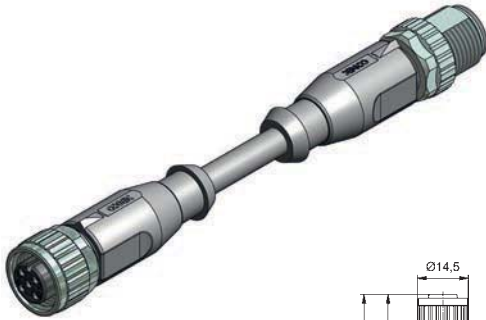
Connecting cable with 360° shielding

Female connector axial
Male connector axial

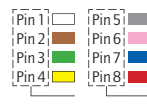
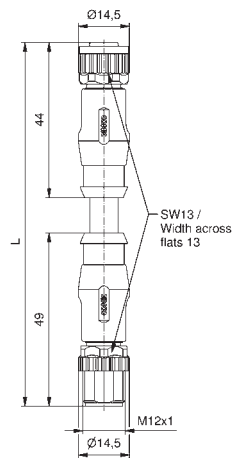
PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,34	0,3	SAL-12S-RK4-RS4-0,3/G3	43-10812
					0,6	SAL-12S-RK4-RS4-0,6/G3	43-10813
					1,5	SAL-12S-RK4-RS4-1,5/G3	43-10814
					3	SAL-12S-RK4-RS4-3/G3	43-10815
5	A	60	4	0,25	0,3	SAL-12S-RK5.1-RS5.1-0,3/G3	43-10824
					0,6	SAL-12S-RK5.1-RS5.1-0,6/G3	43-10825
					1,5	SAL-12S-RK5.1-RS5.1-1,5/G3	43-10826
					3	SAL-12S-RK5.1-RS5.1-3/G3	43-10827
8	A	30	2	0,25	0,3	SAL-12S-RK8-RS8-0,3/G3	43-10988
					0,6	SAL-12S-RK8-RS8-0,6/G3	43-10989
					1,5	SAL-12S-RK8-RS8-1,5/G3	43-10990
					3	SAL-12S-RK8-RS8-3/G3	43-10991
12	A	30	1,5	0,14	0,3	SAL-12S-RK12-RS12-0,3/G3	43-15284
					0,6	SAL-12S-RK12-RS12-0,6/G3	43-15285
					1,5	SAL-12S-RK12-RS12-1,5/G3	43-15286
					3	SAL-12S-RK12-RS12-3/G3	43-15287



TPU, UL, halogenfree, black, Li9YC11Y



4	A	160	4	0,34	0,3	SAL-12S-RK4-RS4-0,3/G2	43-10820
					0,6	SAL-12S-RK4-RS4-0,6/G2	43-10821
					1,5	SAL-12S-RK4-RS4-1,5/G2	43-10822
					3	SAL-12S-RK4-RS4-3/G2	43-10823
5	A	60	4	0,25	0,3	SAL-12S-RK5.1-RS5.1-0,3/G2	43-10832
					0,6	SAL-12S-RK5.1-RS5.1-0,6/G2	43-10833
					1,5	SAL-12S-RK5.1-RS5.1-1,5/G2	43-10834
					3	SAL-12S-RK5.1-RS5.1-3/G2	43-10835
8	A	30	2	0,25	0,3	SAL-12S-RK8-RS8-0,3/G2	43-10992
					0,6	SAL-12S-RK8-RS8-0,6/G2	43-10993
					1,5	SAL-12S-RK8-RS8-1,5/G2	43-10994
					3	SAL-12S-RK8-RS8-3/G2	43-10995
12	A	30	1,5	0,14	0,3	SAL-12S-RK12-RS12-0,3/G2	43-15288
					0,6	SAL-12S-RK12-RS12-0,6/G2	43-15289
					1,5	SAL-12S-RK12-RS12-1,5/G2	43-15290
					3	SAL-12S-RK12-RS12-3/G2	43-15031

M12x1 CONNECTORS OVERMOULDED C-coding

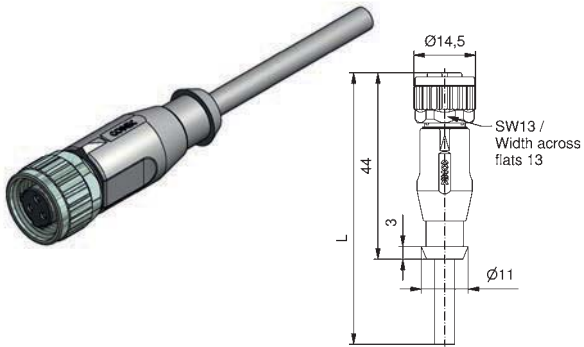
Female connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]
2+PE	C	250	4	0,34	2
					3
					5
					10
3+PE	C	250	4	0,34	2
					3
					5
					10

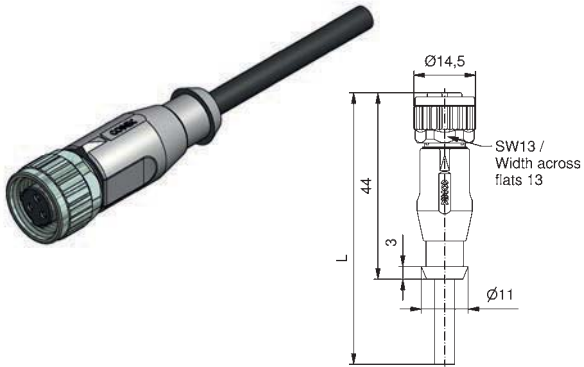
Description	Part No.
SAL-12C-RK2PE-2 / A1	43-15297
SAL-12C-RK2PE-3 / A1	43-15298
SAL-12C-RK2PE-5 / A1	43-15299
SAL-12C-RK2PE-10 / A1	43-15300
SAL-12C-RK3PE-2 / A1	43-15305
SAL-12C-RK3PE-3 / A1	43-15306
SAL-12C-RK3PE-5 / A1	43-15307
SAL-12C-RK3PE-10 / A1	43-15308



Pin 1 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
PE 

TPU, UL, halogenfree, black, Li9Y11Y

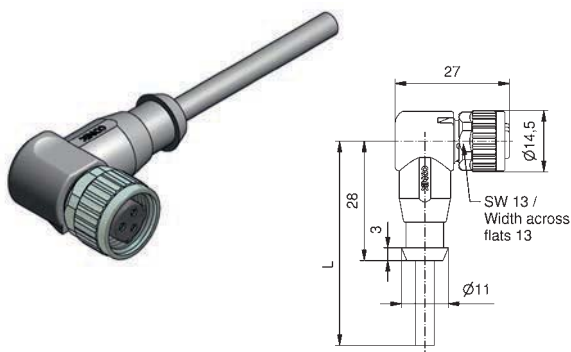


Pin 1 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
PE 

Female connector angled

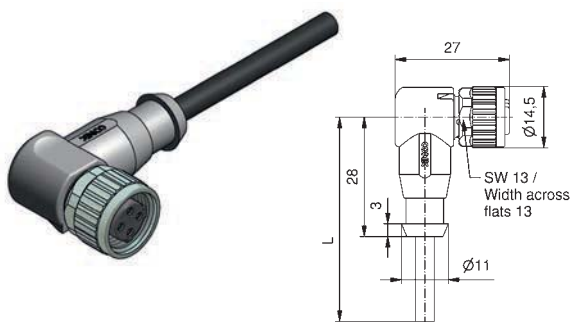
PVC, grey, LiYY



Pin 1 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
PE 

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
PE 

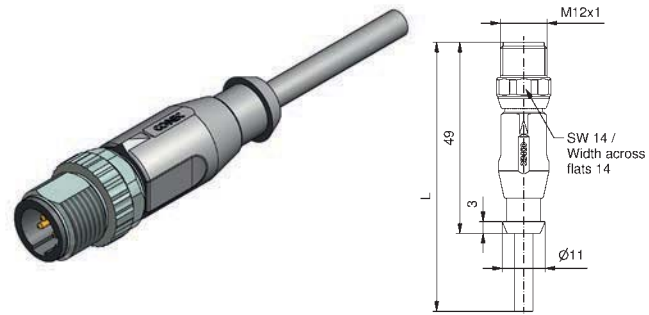
M12x1 CONNECTORS OVERMOULDED C-coding

Male connector axial

PVC, grey, LiYY

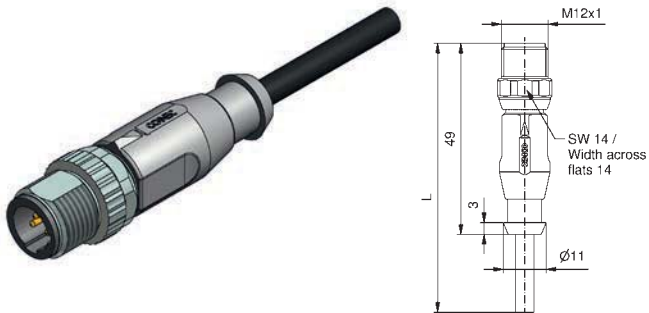
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	C	250	4	0,34	2	SAL-12C-RS2PE-2/A1	43-15261
					3	SAL-12C-RS2PE-3/A1	43-15262
					5	SAL-12C-RS2PE-5/A1	43-15263
					10	SAL-12C-RS2PE-10/A1	43-15264



TPU, UL, halogenfree, black, Li9Y11Y

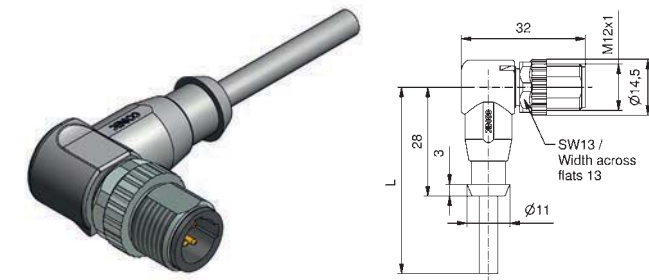
2+PE	C	250	4	0,34	2	SAL-12C-RS2PE-2/K1	43-15265
					3	SAL-12C-RS2PE-3/K1	43-15266
					5	SAL-12C-RS2PE-5/K1	43-15267
					10	SAL-12C-RS2PE-10/K1	43-15268



Male connector angled

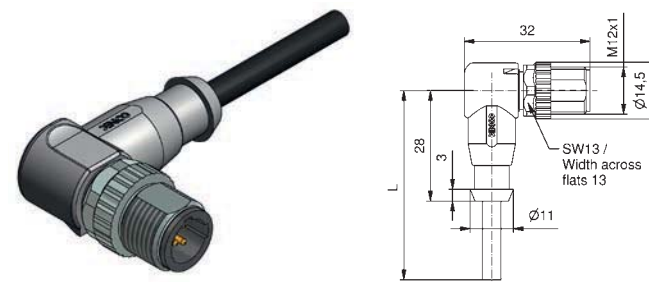
PVC, grey, LiYY

2+PE	C	250	4	0,34	2	SAL-12C-RWS2PE-2/A1/A1090	43-15269
					3	SAL-12C-RWS2PE-3/A1/A1090	43-15270
					5	SAL-12C-RWS2PE-5/A1/A1090	43-15271
					10	SAL-12C-RWS2PE-10/A1/A1090	43-15272



TPU, UL, halogenfree, black, Li9Y11Y

2+PE	C	250	4	0,34	2	SAL-12C-RWS2PE-2/K1/A1090	43-15273
					3	SAL-12C-RWS2PE-3/K1/A1090	43-15274
					5	SAL-12C-RWS2PE-5/K1/A1090	43-15275
					10	SAL-12C-RWS2PE-10/K1/A1090	43-15276



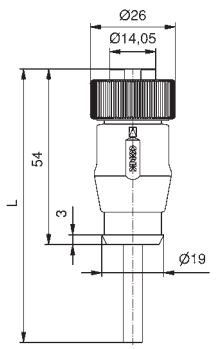
7/8" CONNECTORS OVERMOULDED
Wire cross section 0.75 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,75	2	SAL-7/8-RK2PE-2/A6	41-01000
					3	SAL-7/8-RK2PE-3/A6	41-01001
					5	SAL-7/8-RK2PE-5/A6	41-01002
					10	SAL-7/8-RK2PE-10/A6	41-01003
4	A	300	8	0,75	2	SAL-7/8-RK4-2/A3	41-01032
					3	SAL-7/8-RK4-3/A3	41-01033
					5	SAL-7/8-RK4-5/A3	41-01034
					10	SAL-7/8-RK4-10/A3	41-01035
4+PE	A	300	8	0,75	2	SAL-7/8-RK4PE-2/A3	41-01064
					3	SAL-7/8-RK4PE-3/A3	41-01065
					5	SAL-7/8-RK4PE-5/A3	41-01066
					10	SAL-7/8-RK4PE-10/A3	41-01067

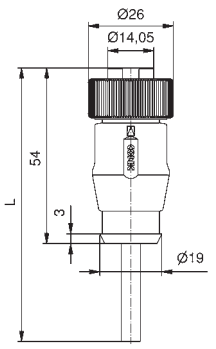


PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

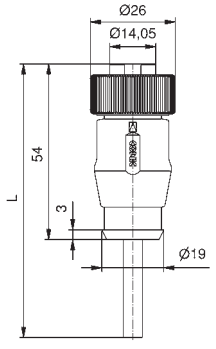
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	8	0,75	2	SAL-7/8-RK2PE-2/K0	41-01004
					3	SAL-7/8-RK2PE-3/K0	41-01005
					5	SAL-7/8-RK2PE-5/K0	41-01006
					10	SAL-7/8-RK2PE-10/K0	41-01007

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	8	0,75	2	SAL-7/8-RK4-2/K1	41-01036
					3	SAL-7/8-RK4-3/K1	41-01037
					5	SAL-7/8-RK4-5/K1	41-01038
					10	SAL-7/8-RK4-10/K1	41-01039
4+PE	A	300	8	0,75	2	SAL-7/8-RK4PE-2/K1	41-01068
					3	SAL-7/8-RK4PE-3/K1	41-01069
					5	SAL-7/8-RK4PE-5/K1	41-01070
					10	SAL-7/8-RK4PE-10/K1	41-01071

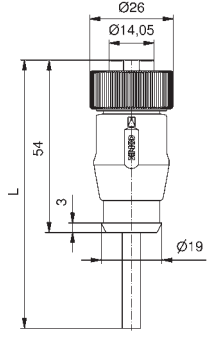
7/8" CONNECTORS OVERMOULDED
Wire cross section 1.5 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RK2PE-2/A6/150	41-01097
				3		SAL-7/8-RK2PE-3/A6/150	41-01098
				5		SAL-7/8-RK2PE-5/A6/150	41-01099
				10		SAL-7/8-RK2PE-10/A6/150	41-01100
4	A	300	10	2	1,5	SAL-7/8-RK4-2/A3/150	41-01129
				3		SAL-7/8-RK4-3/A3/150	41-01130
				5		SAL-7/8-RK4-5/A3/150	41-01131
				10		SAL-7/8-RK4-10/A3/150	41-01132
4+PE	A	300	10	2	1,5	SAL-7/8-RK4PE-2/A3/150	41-01161
				3		SAL-7/8-RK4PE-3/A3/150	41-01162
				5		SAL-7/8-RK4PE-5/A3/150	41-01163
				10		SAL-7/8-RK4PE-10/A3/150	41-01164

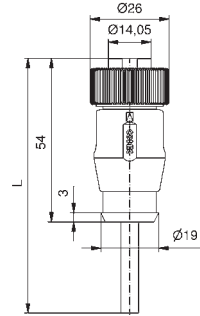


PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

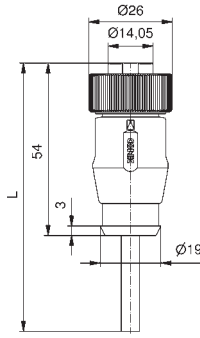
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	10	2	1,5	SAL-7/8-RK2PE-2/K0/150	41-01101
				3		SAL-7/8-RK2PE-3/K0/150	41-01102
				5		SAL-7/8-RK2PE-5/K0/150	41-01103
				10		SAL-7/8-RK2PE-10/K0/150	41-01104

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

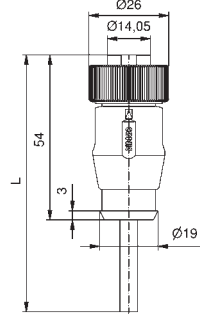
4	A	300	10	2	1,5	SAL-7/8-RK4-2/K1/150	41-01133
				3		SAL-7/8-RK4-3/K1/150	41-01134
				5		SAL-7/8-RK4-5/K1/150	41-01135
				10		SAL-7/8-RK4-10/K1/150	41-01136
4+PE	A	300	10	2	1,5	SAL-7/8-RK4PE-2/K1/150	41-01165
				3		SAL-7/8-RK4PE-3/K1/150	41-01166
				5		SAL-7/8-RK4PE-5/K1/150	41-01167
				10		SAL-7/8-RK4PE-10/K1/150	41-01168

7/8" CONNECTORS OVERMOULDED
Wire cross section 2.5 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

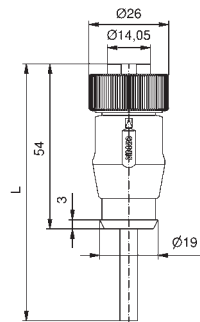


PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RK2PE-2/A6/250	41-01628
						SAL-7/8-RK2PE-3/A6/250	41-01629
						SAL-7/8-RK2PE-5/A6/250	41-01630
						SAL-7/8-RK2PE-10/A6/250	41-01631
4+PE	A	300	16	2	2,5	SAL-7/8-RK4PE-2/A6/250	41-01660
						SAL-7/8-RK4PE-3/A6/250	41-01661
						SAL-7/8-RK4PE-5/A6/250	41-01662
						SAL-7/8-RK4PE-10/A6/250	41-01663

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

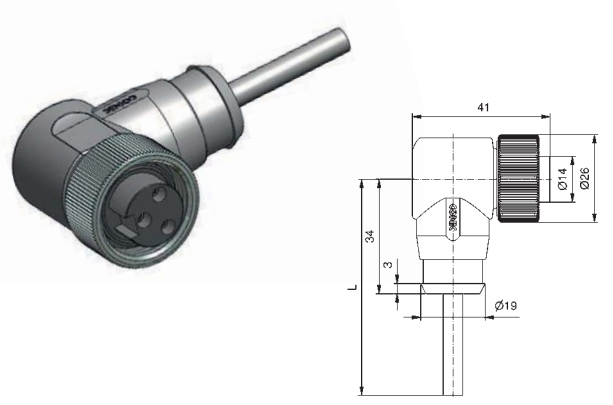












Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	16	2	2,5	SAL-7/8-RK2PE-2/KO/250	41-01632
						SAL-7/8-RK2PE-3/KO/250	41-01633
						SAL-7/8-RK2PE-5/KO/250	41-01634
						SAL-7/8-RK2PE-10/KO/250	41-01635
4+PE	A	300	16	2	2,5	SAL-7/8-RK4PE-2/KO/250	41-01664
						SAL-7/8-RK4PE-3/KO/250	41-01665
						SAL-7/8-RK4PE-5/KO/250	41-01666
						SAL-7/8-RK4PE-10/KO/250	41-01667

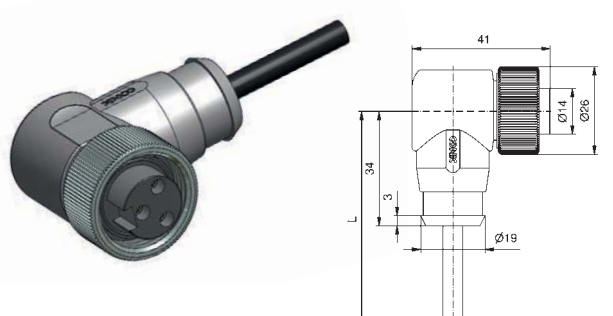



7/8" CONNECTORS OVERMOULDED
Wire cross section 0.75 mm²

Female connector angled

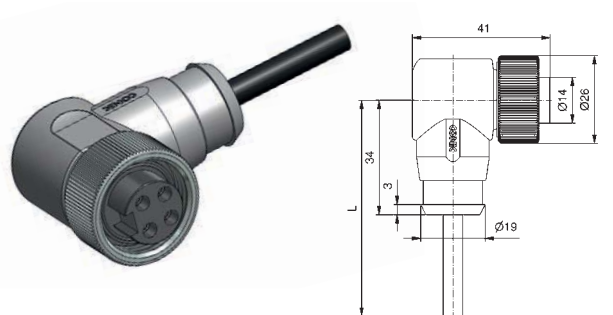









PVC, UL, grey, LiYY

Contact assignment		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
 <p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p> <p>Pin 1 </p> <p>Pin 2 </p> <p>Pin 3 </p> <p>Pin 4 </p> <p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	2+PE	A	300	8	2	0,75	SAL-7/8-RKW2PE-2/A6	41-01016	
						3		SAL-7/8-RKW2PE-3/A6	41-01017
						5		SAL-7/8-RKW2PE-5/A6	41-01018
						10		SAL-7/8-RKW2PE-10/A6	41-01019
		4	A	300	8	2	0,75	SAL-7/8-RKW4-2/A3	41-01048
						3		SAL-7/8-RKW4-3/A3	41-01049
						5		SAL-7/8-RKW4-5/A3	41-01050
						10		SAL-7/8-RKW4-10/A3	41-01051
		4+PE	A	300	8	2	0,75	SAL-7/8-RKW4PE-2/A3	41-01080
						3		SAL-7/8-RKW4PE-3/A3	41-01081
						5		SAL-7/8-RKW4PE-5/A3	41-01082
						10		SAL-7/8-RKW4PE-10/A3	41-01083

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

 <p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p>	2+PE	A	300	8	2	0,75	SAL-7/8-RKW2PE-2/K0	41-01020
					3		SAL-7/8-RKW2PE-3/K0	41-01021
					5		SAL-7/8-RKW2PE-5/K0	41-01022
					10		SAL-7/8-RKW2PE-10/K0	41-01023

TPU, UL, halogenfree, black, Li9Y11Y

 <p>Pin 1 </p> <p>Pin 2 </p> <p>Pin 3 </p> <p>Pin 4 </p> <p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	4	A	300	8	2	0,75	SAL-7/8-RKW4-2/K1	41-01052	
					3		SAL-7/8-RKW4-3/K1	41-01053	
					5		SAL-7/8-RKW4-5/K1	41-01054	
					10		SAL-7/8-RKW4-10/K1	41-01055	
		4+PE	A	300	8	2	0,75	SAL-7/8-RKW4PE-2/K1	41-01084
						3		SAL-7/8-RKW4PE-3/K1	41-01085
						5		SAL-7/8-RKW4PE-5/K1	41-01086
						10		SAL-7/8-RKW4PE-10/K1	41-01087

7/8" CONNECTORS OVERMOULDED

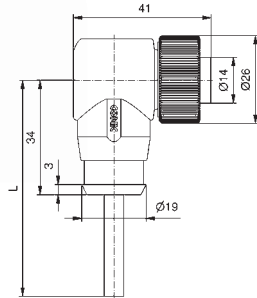
Wire cross section 1.5 mm²

Female connector angled

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RKW2PE-2/A6/150	41-01113
						SAL-7/8-RKW2PE-3/A6/150	41-01114
						SAL-7/8-RKW2PE-5/A6/150	41-01115
						SAL-7/8-RKW2PE-10/A6/150	41-01116
4	A	300	10	2	1,5	SAL-7/8-RKW4-2/A3/150	41-01145
						SAL-7/8-RKW4-3/A3/150	41-01146
						SAL-7/8-RKW4-5/A3/150	41-01147
						SAL-7/8-RKW4-10/A3/150	41-01148
4+PE	A	300	10	2	1,5	SAL-7/8-RKW4PE-2/A3/150	41-01177
						SAL-7/8-RKW4PE-3/A3/150	41-01178
						SAL-7/8-RKW4PE-5/A3/150	41-01179
						SAL-7/8-RKW4PE-10/A3/150	41-01180

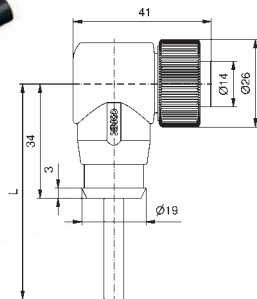


PE
 Pin 2
 Pin 3

Pin 1
 Pin 2
 Pin 3
 Pin 4

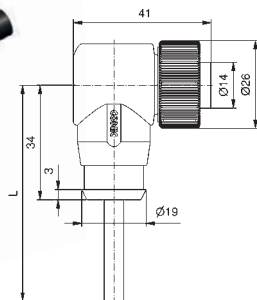
Pin 1
 Pin 2
 PE
 Pin 4
 Pin 5

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
 Pin 2
 Pin 3

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
 Pin 2
 Pin 3
 Pin 4

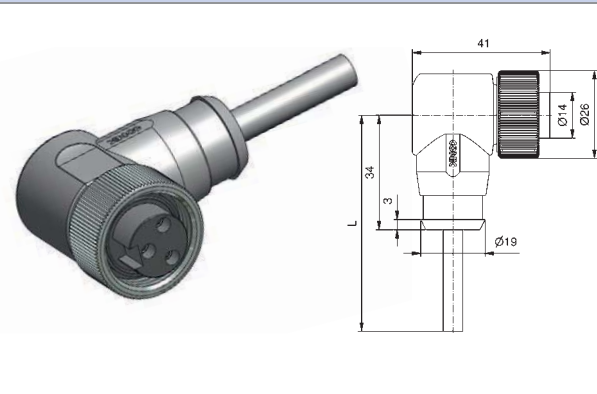
Pin 1
 Pin 2
 PE
 Pin 4
 Pin 5

7/8" CONNECTORS OVERMOULDED
Wire cross section 2.5 mm²

Female connector angled

PVC, UL, grey, LiYY

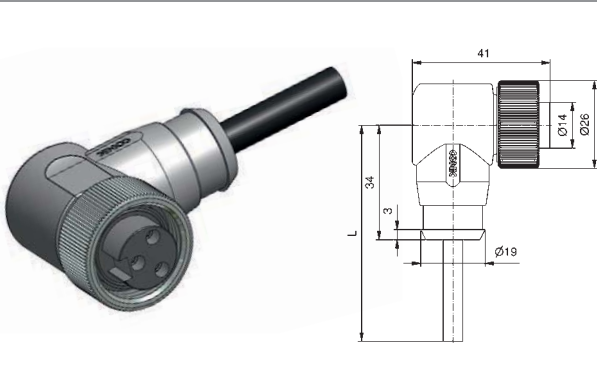
Contact assignment



- PE ■
 - Pin 2 ■
 - Pin 3 ■
-
- Pin 1 ■
 - Pin 2 ■
 - PE ■
 - Pin 4 ■
 - Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RKW2PE-2/A6/250	41-01644
						SAL-7/8-RKW2PE-3/A6/250	41-01645
						SAL-7/8-RKW2PE-5/A6/250	41-01646
						SAL-7/8-RKW2PE-10/A6/250	41-01647
4+PE	A	300	16	2	2,5	SAL-7/8-RKW4PE-2/A6/250	41-01676
						SAL-7/8-RKW4PE-3/A6/250	41-01677
						SAL-7/8-RKW4PE-5/A6/250	41-01678
						SAL-7/8-RKW4PE-10/A6/250	41-01679

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



- PE ■
 - Pin 2 ■
 - Pin 3 ■
-
- Pin 1 ■
 - Pin 2 ■
 - PE ■
 - Pin 4 ■
 - Pin 5 ■

2+PE	A	300	16	2	2,5	SAL-7/8-RKW2PE-2/K0/250	41-01648
						SAL-7/8-RKW2PE-3/K0/250	41-01649
						SAL-7/8-RKW2PE-5/K0/250	41-01650
						SAL-7/8-RKW2PE-10/K0/250	41-01651
4+PE	A	300	16	2	2,5	SAL-7/8-RKW4PE-2/K0/250	41-01680
						SAL-7/8-RKW4PE-3/K0/250	41-01681
						SAL-7/8-RKW4PE-5/K0/250	41-01682
						SAL-7/8-RKW4PE-10/K0/250	41-01683

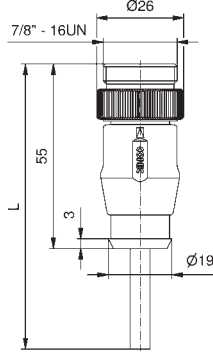
7/8" CONNECTORS OVERMOULDED
Wire cross section 0.75 mm²

Male connector axial

PVC, UL, grey, LiYY






Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,75	2	SAL-7/8-RS2PE-2/A6	41-01008
					3	SAL-7/8-RS2PE-3/A6	41-01009
					5	SAL-7/8-RS2PE-5/A6	41-01010
					10	SAL-7/8-RS2PE-10/A6	41-01011
4	A	300	8	0,75	2	SAL-7/8-RS4-2/A3	41-01040
					3	SAL-7/8-RS4-3/A3	41-01041
					5	SAL-7/8-RS4-5/A3	41-01042
					10	SAL-7/8-RS4-10/A3	41-01043
4+PE	A	300	8	0,75	2	SAL-7/8-RS4PE-2/A3	41-01072
					3	SAL-7/8-RS4PE-3/A3	41-01073
					5	SAL-7/8-RS4PE-5/A3	41-01074
					10	SAL-7/8-RS4PE-10/A3	41-01075

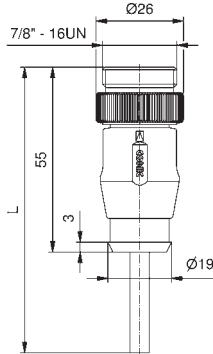


PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

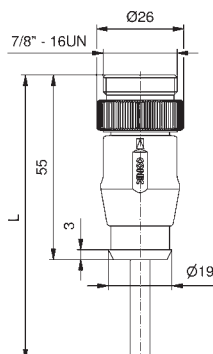
Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

TPU, UL, halogenfree, highflexible, black, LiY911Y








PE 
Pin 2 
Pin 3 

TPU, UL, halogenfree, black, LiY911Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

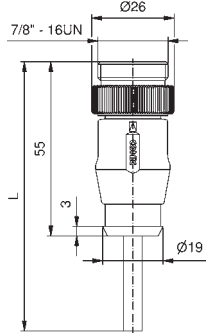
7/8" CONNECTORS OVERMOULDED
Wire cross section 1.5 mm²

Male connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RS2PE-2/A6/150	41-01105
						SAL-7/8-RS2PE-3/A6/150	41-01106
						SAL-7/8-RS2PE-5/A6/150	41-01107
						SAL-7/8-RS2PE-10/A6/150	41-01108
4	A	300	10	2	1,5	SAL-7/8-RS4-2/A3/150	41-01137
						SAL-7/8-RS4-3/A3/150	41-01138
						SAL-7/8-RS4-5/A3/150	41-01139
						SAL-7/8-RS4-10/A3/150	41-01140
4+PE	A	300	10	2	1,5	SAL-7/8-RS4PE-2/A3/150	41-01169
						SAL-7/8-RS4PE-3/A3/150	41-01170
						SAL-7/8-RS4PE-5/A3/150	41-01171
						SAL-7/8-RS4PE-10/A3/150	41-01172

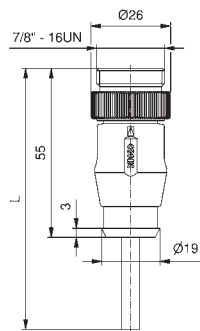


PE Pin 2 Pin 3

Pin 1 Pin 2 Pin 3 Pin 4

Pin 1 Pin 2 Pin 3 Pin 4 Pin 5

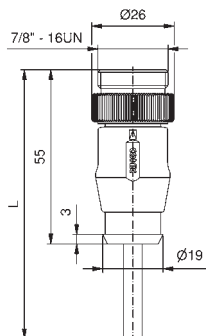
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE Pin 2 Pin 3

2+PE	A	300	10	2	1,5	SAL-7/8-RS2PE-2/K0/150	41-01109
						SAL-7/8-RS2PE-3/K0/150	41-01110
						SAL-7/8-RS2PE-5/K0/150	41-01111
						SAL-7/8-RS2PE-10/K0/150	41-01112

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 Pin 2 Pin 3 Pin 4

Pin 1 Pin 2 PE Pin 4 Pin 5

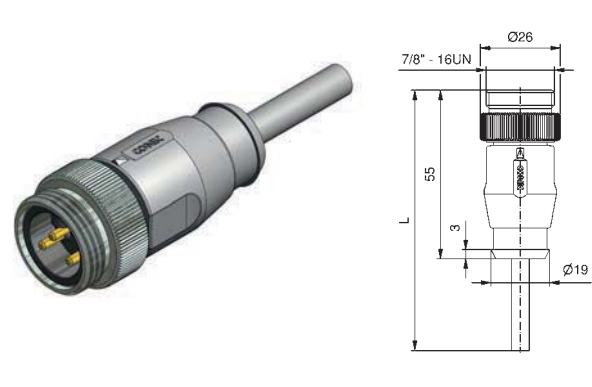
4	A	300	10	2	1,5	SAL-7/8-RS4-2/K1/150	41-01141
						SAL-7/8-RS4-3/K1/150	41-01142
						SAL-7/8-RS4-5/K1/150	41-01143
						SAL-7/8-RS4-10/K1/150	41-01144
4+PE	A	300	10	2	1,5	SAL-7/8-RS4PE-2/K1/150	41-01173
						SAL-7/8-RS4PE-3/K1/150	41-01174
						SAL-7/8-RS4PE-5/K1/150	41-01175
						SAL-7/8-RS4PE-10/K1/150	41-01176

7/8" CONNECTORS OVERMOULDED
Wire cross section 2.5 mm²

Male connector axial

PVC, UL, grey, LiYY

Contact assignment



PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RS2PE-2/A6/250	41-01636
						SAL-7/8-RS2PE-3/A6/250	41-01637
						SAL-7/8-RS2PE-5/A6/250	41-01638
						SAL-7/8-RS2PE-10/A6/250	41-01639
4+PE	A	300	16	2	2,5	SAL-7/8-RS4PE-2/A6/250	41-01668
						SAL-7/8-RS4PE-3/A6/250	41-01669
						SAL-7/8-RS4PE-5/A6/250	41-01670
						SAL-7/8-RS4PE-10/A6/250	41-01671

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

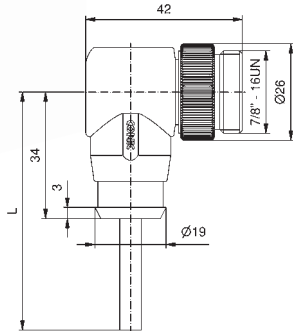
Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	16	2	2,5	SAL-7/8-RS2PE-2/K0/250	41-01640
						SAL-7/8-RS2PE-3/K0/250	41-01641
						SAL-7/8-RS2PE-5/K0/250	41-01642
						SAL-7/8-RS2PE-10/K0/250	41-01643
4+PE	A	300	16	2	2,5	SAL-7/8-RS4PE-2/K0/250	41-01672
						SAL-7/8-RS4PE-3/K0/250	41-01673
						SAL-7/8-RS4PE-5/K0/250	41-01674
						SAL-7/8-RS4PE-10/K0/250	41-01675

7/8" CONNECTORS OVERMOULDED
Wire cross section 0.75 mm²




Male connector angled

PVC, UL, grey, LiYY



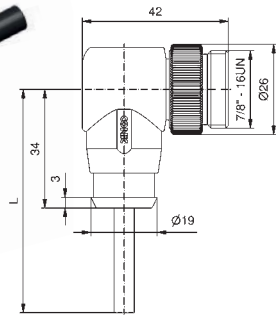
PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,75	2	SAL-7/8-RSW2PE-2/A6	41-01024	
					3	SAL-7/8-RSW2PE-3/A6	41-01025	
					5	SAL-7/8-RSW2PE-5/A6	41-01026	
					10	SAL-7/8-RSW2PE-10/A6	41-01027	
4	A	300	8	0,75	2	SAL-7/8-RSW4-2/A3	41-01056	
					3	SAL-7/8-RSW4-3/A3	41-01057	
					5	SAL-7/8-RSW4-5/A3	41-01058	
					10	SAL-7/8-RSW4-10/A3	41-01059	
4+PE	A	300	8	0,75	2	SAL-7/8-RSW4PE-2/A3	41-01088	
					3	SAL-7/8-RSW4PE-3/A3	41-01089	
					5	SAL-7/8-RSW4PE-5/A3	41-01090	
					10	SAL-7/8-RSW4PE-10/A3	41-01091	

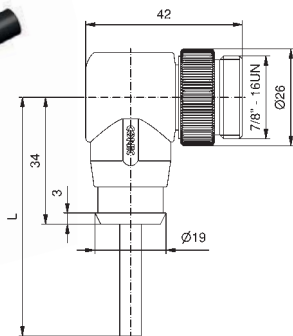
TPU, UL, halogenfree, highflexible, black, LiY911Y








PE 
Pin 2 
Pin 3 

2+PE	A	300	8	0,75	2	SAL-7/8-RSW2PE-2/K0	41-01028
					3	SAL-7/8-RSW2PE-3/K0	41-01029
					5	SAL-7/8-RSW2PE-5/K0	41-01030
					10	SAL-7/8-RSW2PE-10/K0	41-01031

TPU, UL, halogenfree, black, LiY911Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

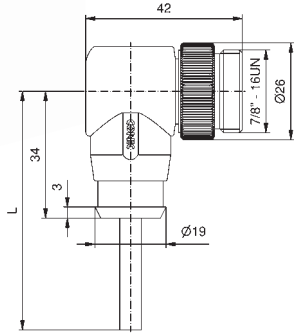
Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

4	A	300	8	0,75	2	SAL-7/8-RSW4-2/K1	41-01060
					3	SAL-7/8-RSW4-3/K1	41-01061
					5	SAL-7/8-RSW4-5/K1	41-01062
					10	SAL-7/8-RSW4-10/K1	41-01063
4+PE	A	300	8	0,75	2	SAL-7/8-RSW4PE-2/K1	41-01092
					3	SAL-7/8-RSW4PE-3/K1	41-01093
					5	SAL-7/8-RSW4PE-5/K1	41-01094
					10	SAL-7/8-RSW4PE-10/K1	41-01095

7/8" CONNECTORS OVERMOULDED
Wire cross section 1.5 mm²

Male connector angled






PVC, UL, grey, LiYY



Contact assignment

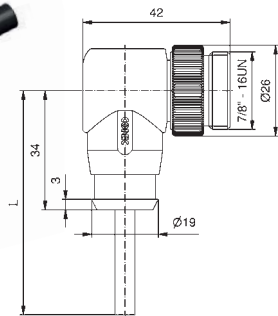
PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL7/8-RSW2PE-2/A6/150	41-01121
						SAL7/8-RSW2PE-3/A6/150	41-01122
						SAL7/8-RSW2PE-5/A6/150	41-01123
						SAL7/8-RSW2PE-10/A6/150	41-01124
4	A	300	10	2	1,5	SAL7/8-RSW4-2/A3/150	41-01153
						SAL7/8-RSW4-3/A3/150	41-01154
						SAL7/8-RSW4-5/A3/150	41-01155
						SAL7/8-RSW4-10/A3/150	41-01156
4+PE	A	300	10	2	1,5	SAL7/8-RSW4PE-2/A3/150	41-01185
						SAL7/8-RSW4PE-3/A3/150	41-01186
						SAL7/8-RSW4PE-5/A3/150	41-01187
						SAL7/8-RSW4PE-10/A3/150	41-01188

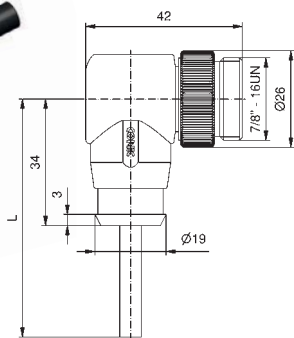
TPU, UL, halogenfree, highflexible, black, Li9Y11Y








PE 
Pin 2 
Pin 3 

2+PE	A	300	10	2	1,5	SAL7/8-RSW2PE-2/K0/150	41-01125
						SAL7/8-RSW2PE-3/K0/150	41-01126
						SAL7/8-RSW2PE-5/K0/150	41-01127
						SAL7/8-RSW2PE-10/K0/150	41-01128

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

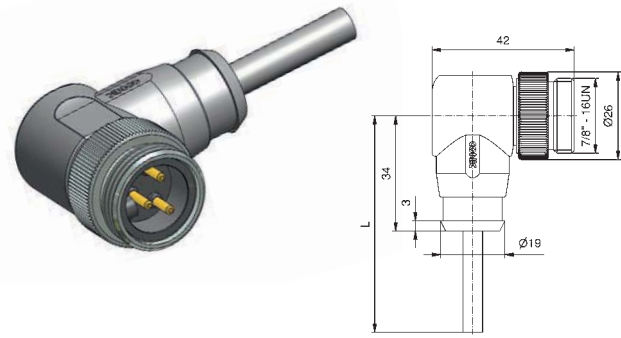
4	A	300	10	2	1,5	SAL7/8-RSW4-2/K1/150	41-01157
						SAL7/8-RSW4-3/K1/150	41-01158
						SAL7/8-RSW4-5/K1/150	41-01159
						SAL7/8-RSW4-10/K1/150	41-01160
4+PE	A	300	10	2	1,5	SAL7/8-RSW4PE-2/K1/150	41-01189
						SAL7/8-RSW4PE-3/K1/150	41-01190
						SAL7/8-RSW4PE-5/K1/150	41-01191
						SAL7/8-RSW4PE-10/K1/150	41-01192

7/8" CONNECTORS OVERMOULDED
Wire cross section 2.5 mm²

Male connector angled

PVC, UL, grey, LiYY

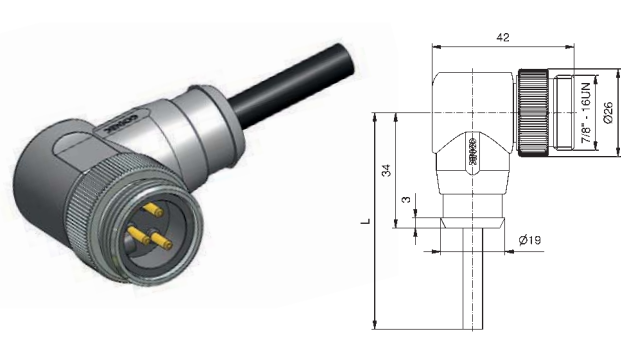
Contact assignment



- PE ■
 - Pin 2 ■
 - Pin 3 ■
-
- Pin 1 ■
 - Pin 2 ■
 - PE ■
 - Pin 4 ■
 - Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RSW2PE-2/A6/250	41-01652
						SAL-7/8-RSW2PE-3/A6/250	41-01653
						SAL-7/8-RSW2PE-5/A6/250	41-01654
						SAL-7/8-RSW2PE-10/A6/250	41-01655
4+PE	A	300	16	2	2,5	SAL-7/8-RSW4PE-2/A6/250	41-01684
						SAL-7/8-RSW4PE-3/A6/250	41-01685
						SAL-7/8-RSW4PE-5/A6/250	41-01686
						SAL-7/8-RSW4PE-10/A6/250	41-01687

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



- PE ■
 - Pin 2 ■
 - Pin 3 ■
-
- Pin 1 ■
 - Pin 2 ■
 - PE ■
 - Pin 4 ■
 - Pin 5 ■

2+PE	A	300	16	2	2,5	SAL-7/8-RSW2PE-2/K0/250	41-01656
						SAL-7/8-RSW2PE-3/K0/250	41-01657
						SAL-7/8-RSW2PE-5/K0/250	41-01658
						SAL-7/8-RSW2PE-10/K0/250	41-01659
4+PE	A	300	16	2	2,5	SAL-7/8-RSW4PE-2/K0/250	41-01688
						SAL-7/8-RSW4PE-3/K0/250	41-01689
						SAL-7/8-RSW4PE-5/K0/250	41-01690
						SAL-7/8-RSW4PE-10/K0/250	41-01691

7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 0.75 mm²

Female connector axial
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,6	0,75	SAL-7/8-RK2PE-RS2PE-0,6/A6	41-01193
						SAL-7/8-RK2PE-RS2PE-1/A6	41-01194
						SAL-7/8-RK2PE-RS2PE-1,5/A6	41-01195
						SAL-7/8-RK2PE-RS2PE-2/A6	41-01196
4	A	300	8	0,6	0,75	SAL-7/8-RK4-RS4-0,6/A3	41-01209
						SAL-7/8-RK4-RS4-1/A3	41-01210
						SAL-7/8-RK4-RS4-1,5/A3	41-01211
						SAL-7/8-RK4-RS4-2/A3	41-01212
4+PE	A	300	8	0,6	0,75	SAL-7/8-RK4PE-RS4PE-0,6/A3	41-01225
						SAL-7/8-RK4PE-RS4PE-1/A3	41-01226
						SAL-7/8-RK4PE-RS4PE-1,5/A3	41-01227
						SAL-7/8-RK4PE-RS4PE-2/A3	41-01228

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

2+PE	A	300	8	0,6	0,75	SAL-7/8-RK2PE-RS2PE-0,6/K0	41-01197
						SAL-7/8-RK2PE-RS2PE-1/K0	41-01198
						SAL-7/8-RK2PE-RS2PE-1,5/K0	41-01199
						SAL-7/8-RK2PE-RS2PE-2/K0	41-01200

TPU, UL, halogenfree, black, Li9Y11Y

4	A	300	8	0,6	0,75	SAL-7/8-RK4-RS4-0,6/K1	41-01213
						SAL-7/8-RK4-RS4-1/K1	41-01214
						SAL-7/8-RK4-RS4-1,5/K1	41-01215
						SAL-7/8-RK4-RS4-2/K1	41-01216
4+PE	A	300	8	0,6	0,75	SAL-7/8-RK4PE-RS4PE-0,6/K1	41-01229
						SAL-7/8-RK4PE-RS4PE-1/K1	41-01230
						SAL-7/8-RK4PE-RS4PE-1,5/K1	41-01231
						SAL-7/8-RK4PE-RS4PE-2/K1	41-01232

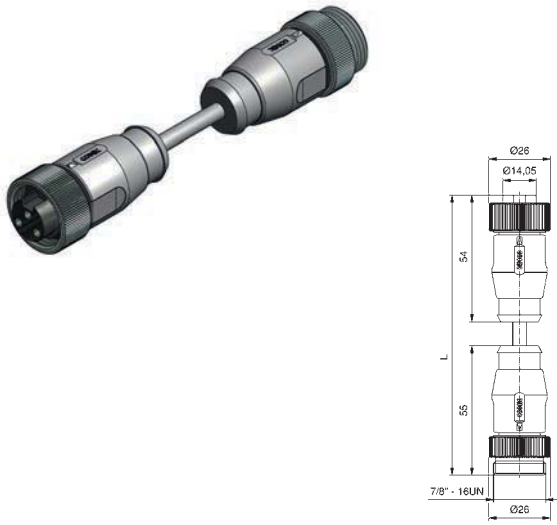
7/8" CONNECTORS OVERMOULDED
Connecting cable, wire cross section 1.5 mm²

Female connector axial
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	0,6	1,5	SAL-78-RK2PE-RS2PE-0,6/A6/150	41-01241
						SAL-78-RK2PE-RS2PE-1/A6/150	41-01242
						SAL-78-RK2PE-RS2PE-1,5/A6/150	41-01243
						SAL-78-RK2PE-RS2PE-2/A6/150	41-01244
4	A	300	10	0,6	1,5	SAL-78-RK4-RS4-0,6/A3/150	41-01257
						SAL-78-RK4-RS4-1/A3/150	41-01258
						SAL-78-RK4-RS4-1,5/A3/150	41-01259
						SAL-78-RK4-RS4-2/A3/150	41-01260
4+PE	A	300	10	0,6	1,5	SAL-78-RK4PE-RS4PE-0,6/A3/150	41-01273
						SAL-78-RK4PE-RS4PE-1/A3/150	41-01274
						SAL-78-RK4PE-RS4PE-1,5/A3/150	41-01275
						SAL-78-RK4PE-RS4PE-2/A3/150	41-01276



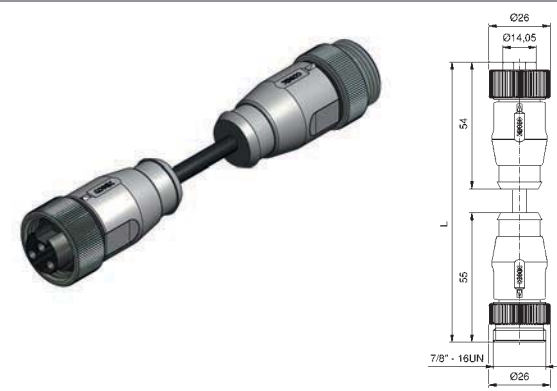
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

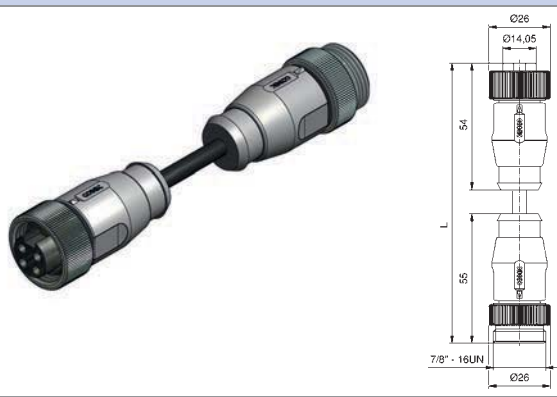
2+PE	A	300	10	0,6	1,5	SAL-78-RK2PE-RS2PE-0,6/K0/150	41-01245
						SAL-78-RK2PE-RS2PE-1/K0/150	41-01246
						SAL-78-RK2PE-RS2PE-1,5/K0/150	41-01247
						SAL-78-RK2PE-RS2PE-2/K0/150	41-01248



PE
Pin 2
Pin 3

TPU, UL, halogenfree, black, Li9Y11Y

4	A	300	10	0,6	1,5	SAL-78-RK4-RS4-0,6/K1/150	41-01261
						SAL-78-RK4-RS4-1/K1/150	41-01262
						SAL-78-RK4-RS4-1,5/K1/150	41-01263
						SAL-78-RK4-RS4-2/K1/150	41-01264
4+PE	A	300	10	0,6	1,5	SAL-78-RK4PE-RS4PE-0,6/K1/150	41-01277
						SAL-78-RK4PE-RS4PE-1/K1/150	41-01278
						SAL-78-RK4PE-RS4PE-1,5/K1/150	41-01279
						SAL-78-RK4PE-RS4PE-2/K1/150	41-01280



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

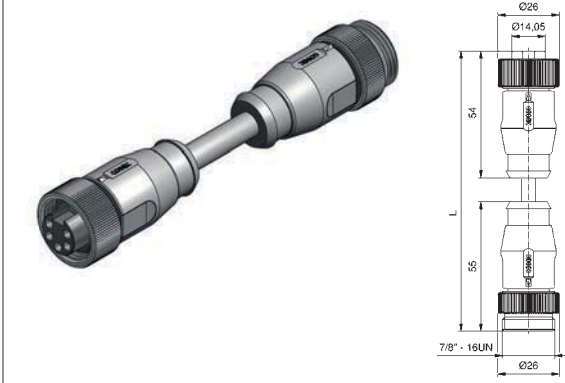
7/8" CONNECTORS OVERMOULDED
Connecting cable, wire cross section 2.5 mm²

Female connector axial
Male connector axial

PVC, UL, grey, LiYY

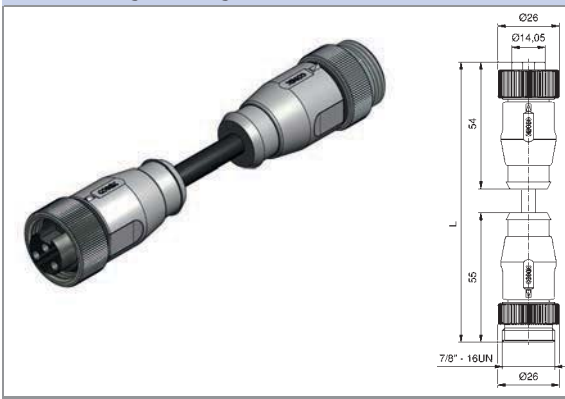
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	0,6	2,5	SAL-7/8-RK2PE-RS2PE-0,6/A6/250	41-01692
						SAL-7/8-RK2PE-RS2PE-1/A6/250	41-01693
						SAL-7/8-RK2PE-RS2PE-1,5/A6/250	41-01694
						SAL-7/8-RK2PE-RS2PE-2/A6/250	41-01695
4+PE	A	300	16	0,6	2,5	SAL-7/8-RK4PE-RS4PE-0,6/A6/250	41-01708
						SAL-7/8-RK4PE-RS4PE-1/A6/250	41-01709
						SAL-7/8-RK4PE-RS4PE-1,5/A6/250	41-01710
						SAL-7/8-RK4PE-RS4PE-2/A6/250	41-01711



TPU, UL, halogenfree, highflexible, black, Li9Y11Y

2+PE	A	300	16	0,6	2,5	SAL-7/8-RK2PE-RS2PE-0,6/K0/250	41-01696
						SAL-7/8-RK2PE-RS2PE-1/K0/250	41-01697
						SAL-7/8-RK2PE-RS2PE-1,5/K0/250	41-01698
						SAL-7/8-RK2PE-RS2PE-2/K0/250	41-01699
4+PE	A	300	16	0,6	2,5	SAL-7/8-RK4PE-RS4PE-0,6/K0/250	41-01712
						SAL-7/8-RK4PE-RS4PE-1/K0/250	41-01713
						SAL-7/8-RK4PE-RS4PE-1,5/K0/250	41-01714
						SAL-7/8-RK4PE-RS4PE-2/K0/250	41-01715

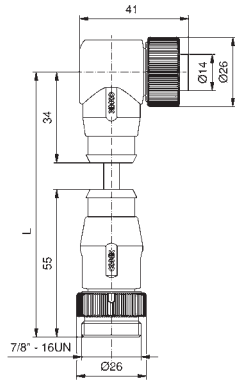


7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 0.75 mm²

Female connector angled
Male connector axial






PVC, UL, grey, LiYY



Contact assignment

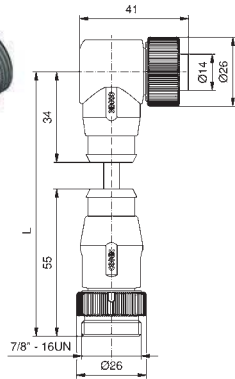
PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,6	0,75	SAL-7/8-RKW2PE-RS2PE-0,6 / A6	41-01201
						SAL-7/8-RKW2PE-RS2PE-1 / A6	41-01202
						SAL-7/8-RKW2PE-RS2PE-1,5 / A6	41-01203
						SAL-7/8-RKW2PE-RS2PE-2 / A6	41-01204
4	A	300	8	0,6	0,75	SAL-7/8-RKW4-RS4-0,6 / A3	41-01217
						SAL-7/8-RKW4-RS4-1 / A3	41-01218
						SAL-7/8-RKW4-RS4-1,5 / A3	41-01219
						SAL-7/8-RKW4-RS4-2 / A3	41-01220
4+PE	A	300	8	0,6	0,75	SAL-7/8-RKW4PE-RS4PE-0,6 / A3	41-01233
						SAL-7/8-RKW4PE-RS4PE-1 / A3	41-01234
						SAL-7/8-RKW4PE-RS4PE-1,5 / A3	41-01235
						SAL-7/8-RKW4PE-RS4PE-2 / A3	41-01236

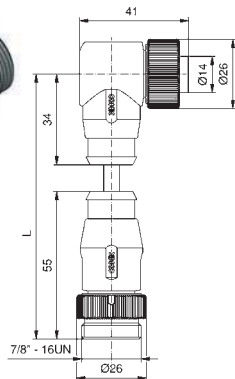
TPU, UL, halogenfree, highflexible, black, LiY911Y



PE 
Pin 2 
Pin 3 

2+PE	A	300	8	0,6	0,75	SAL-7/8-RKW2PE-RS2PE-0,6 / K0	41-01205
						SAL-7/8-RKW2PE-RS2PE-1 / K0	41-01206
						SAL-7/8-RKW2PE-RS2PE-1,5 / K0	41-01207
						SAL-7/8-RKW2PE-RS2PE-2 / K0	41-01208

TPU, UL, halogenfree, black, LiY911Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

4	A	300	8	0,6	0,75	SAL-7/8-RKW4-RS4-0,6 / K1	41-01221
						SAL-7/8-RKW4-RS4-1 / K1	41-01222
						SAL-7/8-RKW4-RS4-1,5 / K1	41-01223
						SAL-7/8-RKW4-RS4-2 / K1	41-01224
4+PE	A	300	8	0,6	0,75	SAL-7/8-RKW4PE-RS4PE-0,6 / K1	41-01237
						SAL-7/8-RKW4PE-RS4PE-1 / K1	41-01238
						SAL-7/8-RKW4PE-RS4PE-1,5 / K1	41-01239
						SAL-7/8-RKW4PE-RS4PE-2 / K1	41-01240

7/8" CONNECTORS OVERMOULDED

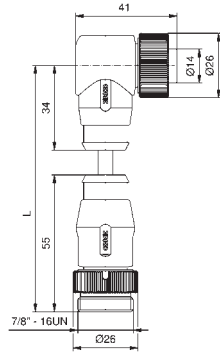
Connecting cable, wire cross section 1.5 mm²

Female connector angled
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	0,6	1,5	SAL-7 / 8-RKW2PE-RS2PE-0,6 / A6 / 150	41-01249
						SAL-7 / 8-RKW2PE-RS2PE-1 / A6 / 150	41-01250
						SAL-7 / 8-RKW2PE-RS2PE-1,5 / A6 / 150	41-01251
						SAL-7 / 8-RKW2PE-RS2PE-2 / A6 / 150	41-01252
4	A	300	10	0,6	1,5	SAL-7 / 8-RKW4-RS4-0,6 / A3 / 150	41-01265
						SAL-7 / 8-RKW4-RS4-1 / A3 / 150	41-01266
						SAL-7 / 8-RKW4-RS4-1,5 / A3 / 150	41-01267
						SAL-7 / 8-RKW4-RS4-2 / A3 / 150	41-01268
4+PE	A	300	10	0,6	1,5	SAL-7 / 8-RKW4PE-RS4PE-0,6 / A3 / 150	41-01281
						SAL-7 / 8-RKW4PE-RS4PE-1 / A3 / 150	41-01282
						SAL-7 / 8-RKW4PE-RS4PE-1,5 / A3 / 150	41-01283
						SAL-7 / 8-RKW4PE-RS4PE-2 / A3 / 150	41-01284

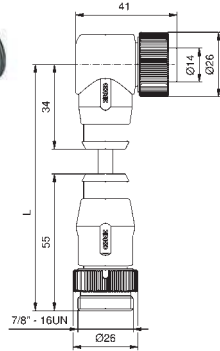


PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

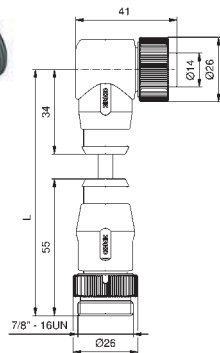
Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

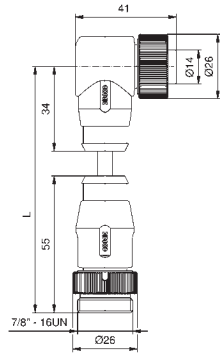
Pin 1
Pin 2
PE
Pin 4
Pin 5

7/8" CONNECTORS OVERMOULDED
Connecting cable, wire cross section 2.5 mm²

Female connector angled
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

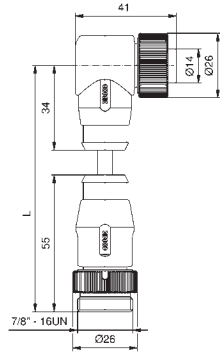


PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	0,6	2,5	SAL-7/8-RKW2PE-RS2PE-0,6/A6/250	41-01700
						SAL-7/8-RKW2PE-RS2PE-1/A6/250	41-01701
						SAL-7/8-RKW2PE-RS2PE-1,5/A6/250	41-01702
						SAL-7/8-RKW2PE-RS2PE-2/A6/250	41-01703
4+PE	A	300	16	0,6	2,5	SAL-7/8-RKW4PE-RS4PE-0,6/A6/250	41-01716
						SAL-7/8-RKW4PE-RS4PE-1/A6/250	41-01717
						SAL-7/8-RKW4PE-RS4PE-1,5/A6/250	41-01718
						SAL-7/8-RKW4PE-RS4PE-2/A6/250	41-01719

TPU, UL, halogenfree, black, Li9Y11Y



PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	16	0,6	2,5	SAL-7/8-RKW2PE-RS2PE-0,6/K0/250	41-01704
						SAL-7/8-RKW2PE-RS2PE-1/K0/250	41-01705
						SAL-7/8-RKW2PE-RS2PE-1,5/K0/250	41-01706
						SAL-7/8-RKW2PE-RS2PE-2/K0/250	41-01707
4+PE	A	300	16	0,6	2,5	SAL-7/8-RKW4PE-RS4PE-0,6/K0/250	41-01720
						SAL-7/8-RKW4PE-RS4PE-1/K0/250	41-01721
						SAL-7/8-RKW4PE-RS4PE-1,5/K0/250	41-01722
						SAL-7/8-RKW4PE-RS4PE-2/K0/250	41-01723

RUND24 CONNECTORS OVERMOULDED

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles

Coding

Rated voltage [V]

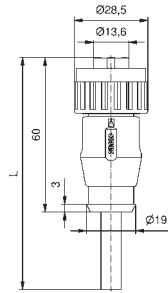
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



Pin 1 ■
 Pin 2 ■
 Pin 3 ■
 PE ■

3+PE

A

300

13

1,5

SAL-24-RK3PE-2/A3

41-51000

SAL-24-RK3PE-3/A3

41-51001

SAL-24-RK3PE-5/A3

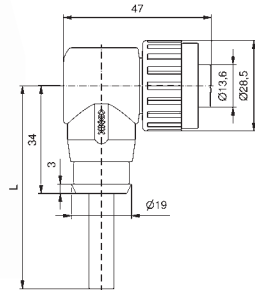
41-51002

SAL-24-RK3PE-10/A3

41-51003

Female connector angled

PVC, UL, grey, LiYY



Pin 1 ■
 Pin 2 ■
 Pin 3 ■
 PE ■

3+PE

A

300

13

1,5

SAL-24-RKW3PE-2/A3

41-51008

SAL-24-RKW3PE-3/A3

41-51009

SAL-24-RKW3PE-5/A3

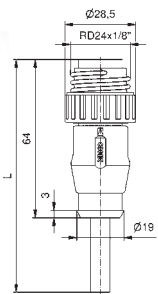
41-51010

SAL-24-RKW3PE-10/A3

41-51011

Male connector axial

PVC, UL, grey, LiYY



Pin 1 ■
 Pin 2 ■
 Pin 3 ■
 PE ■

3+PE

A

300

13

1,5

SAL-24-RS3PE-2/A3

41-51004

SAL-24-RS3PE-3/A3

41-51005

SAL-24-RS3PE-5/A3

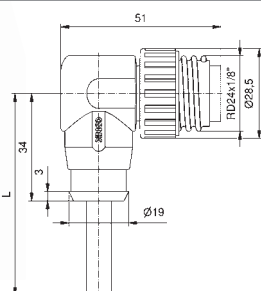
41-51006

SAL-24-RS3PE-10/A3

41-51007

Male connector angled

PVC, UL, grey, LiYY



Pin 1 ■
 Pin 2 ■
 Pin 3 ■
 PE ■

3+PE

A

300

13

1,5

SAL-24-RSW3PE-2/A3

41-51012

SAL-24-RSW3PE-3/A3

41-51013

SAL-24-RSW3PE-5/A3

41-51014

SAL-24-RSW3PE-10/A3

41-51015

SECTION 2

CONNECTORS FIELD ATTACHABLE





SAL M8x1 CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 8 - R K W C 4 - L 55

SAL
Sensor Actor Line

Installation size
8 = M8x1

Coding
= Standard
S = Standard, shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Design
C = Field attachable

Number of poles
3 = 3-pos.
4 = 4-pos.

Termination
L = Soldering termination up to max. 0.34 mm²
K = Clamp connection for 0.14 mm² - 0.34 mm²
S = Screw termination up to max. 0.5 mm²

Outer Ø cable
5,5 = 4 mm - 5.5 mm
6,5 = 5 mm - 6.5 mm

SAL M8x1 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6 GF, UL 94 / PA6, UL 94
Housing	PA6 GF, UL 94
Cable sealing	NBR
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / CuZn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-104
Current rating	IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

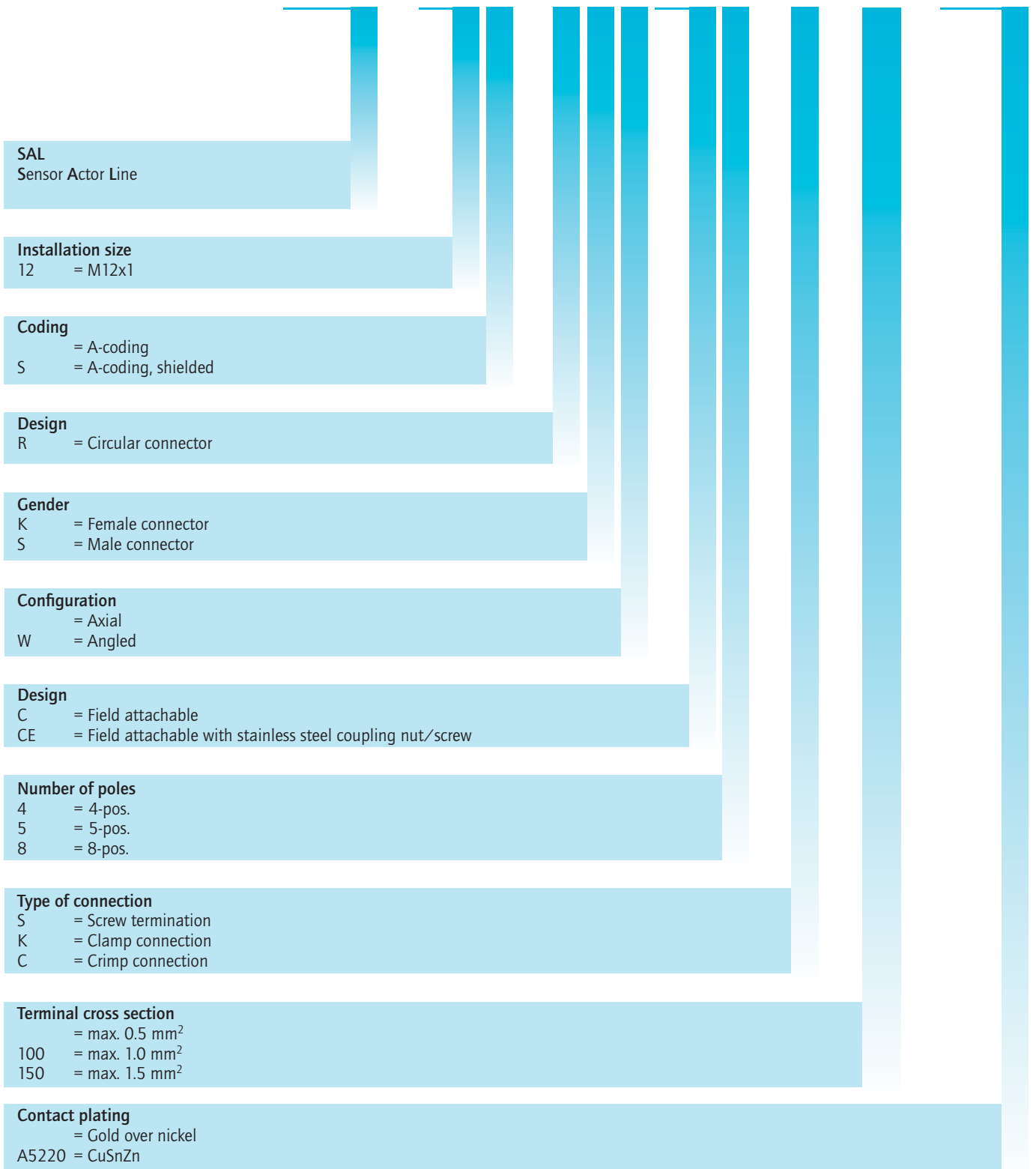
Recommended torquet: 0.4 Nm

Technical subject to change without notice.

SAL M12x1 CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 1 2 - R K W C E 4 - S / 150 / A5220



SAL M12x1 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated / CuSnZn
Contact carrier	PA6, UL 94
Housing	Standard: PA6 GF, UL 94 / Shielded: Die Cast, nickel plated
Clamp-/screw contact	Stainless steel nickel plated
Screw termination	CuZn/Ni, Sn gal.
Cable sealing	Elastomere
Sealing	FPM
Coupling nut-/screw	GD-Zn, Ni / stainless steel

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torquet: 0.6 Nm

Technical subject to change without notice.

SAL 7/8" CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 7 / 8 - R K C 4 - S

SAL
Sensor Actor Line

Installation size
7/8 = 7/8"

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
2PE = 2-pos. + PE
4 = 4-pos.
4PE = 4-pos. + PE

Type of connection
S = Screw termination

SAL 7/8" CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94
Housing	PA6 GF, UL 94
Cable sealing	Elastomere
Coupling nut/-screw	CuZn, nickel plated

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2,7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M23 CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 2 3 - R K C 16+3 - C

SAL
Sensor Actor Line

Installation size
23 = M23

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
16+3 = 16x Signal- + 3x Power contacts
16.8+3 = 8x Signal- + 3x Power contacts

Type of termination
C = Crimp termination
L = Soldering termination

SAL M23 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94 / PBT, UL 94
Housing	GD-Zn, Ni
Cable sealing	Elastomere
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M23 CONNECTORS FIELD ATTACHABLE WITH CABLE

Nomenclature

S A L - 2 3 - R K C 16+3 / 5 / K 1

SAL
Sensor Actor Line

Installation size
23 = M23

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
16+3 = 16x Signal- + 3x Power contacts
16.8+3 = 8x Signal- + 3x Power contacts

Cable length
xx = Length [m]

Cable quality
K1 = TPU, black, high flexible, halogenfree, UL

SAL M23 CONNECTORS FIELD ATTACHABLE WITH CABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94 / PBT, UL 94
Housing	GD-Zn, Ni
Cable sealing	Elastomere
Coupling nut/-screw	GD-Zn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL RUND24 CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 2 4 - R K C 3 P E - S

SAL
Sensor Actor Line

Installation size
24 = Rund24

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
3PE = 3-pos. + PE
6PE = 6-pos. + PE

Type of connection
S = Screw termination

SAL RUND24 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Ni, Ag gal.
Contact carrier	PA6 GF, UL 94
Housing	PA6 GF, UL 94
Cable sealing	Elastomere
Sealing	FPM
Coupling nut/-screw	PA GF, UL 94

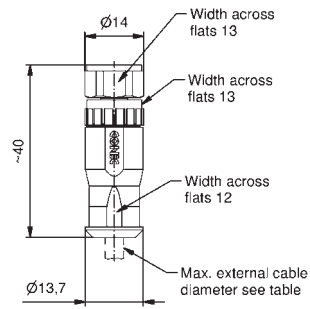
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

M8x1 CONNECTORS FIELD ATTACHABLE

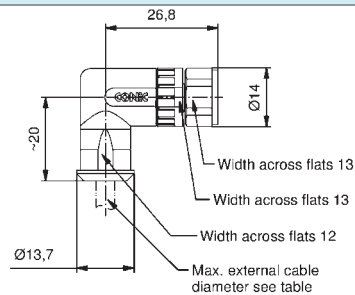
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKC3-S5,5	42-00010
4		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKC4-S5,5	42-00012

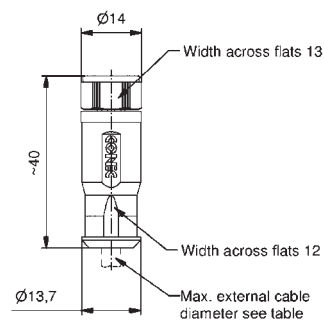
Female connector angled



3		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKWC3-S5,5	42-00026
4		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKWC4-S5,5	42-00028

Clamp termination

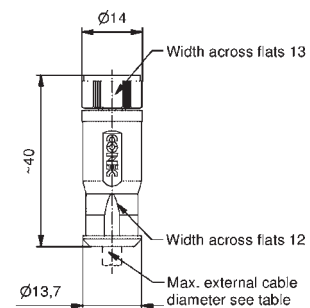
Female connector axial



3		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC3-K5,5	42-00002
4		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC4-K5,5	42-00004

Solder termination

Female connector axial

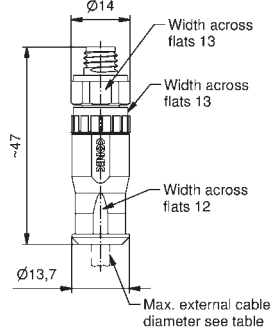


3		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC3-L5,5	42-00006
4		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC4-L5,5	42-00008

M8x1 CONNECTORS FIELD ATTACHABLE

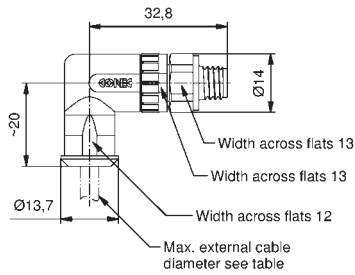
Screw termination

Male connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		60 V DC 50 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RSC3-S5,5	42-00009
4		60 V DC 50 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RSC4-S5,5	42-00011

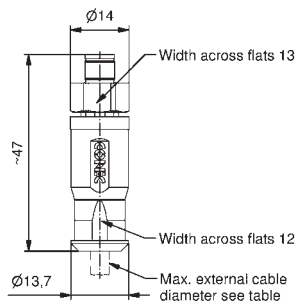
Male connector angled



3		60 V DC 50 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RSWC3-S5,5	42-00025
4		60 V DC 50 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RSWC4-S5,5	42-00027

Clamp termination

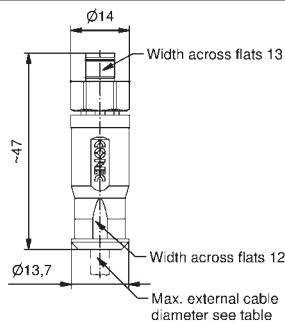
Male connector axial



3		60 V DC 50 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RSC3-K5,5	42-00001
4		60 V DC 50 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RSC4-K5,5	42-00003

Solder termination

Male connector axial

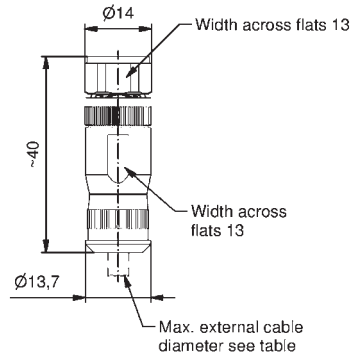


3		60 V DC 50 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RSC3-L5,5	42-00005
4		60 V DC 50 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RSC4-L5,5	42-00007

M8x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

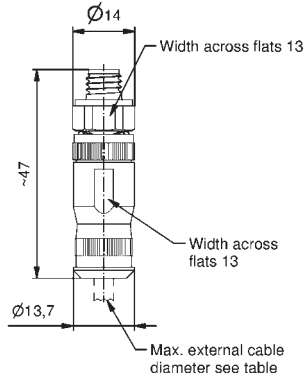
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RKC3-S6,5	42-00034
4		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RKC4-S6,5	42-00036

Male connector axial

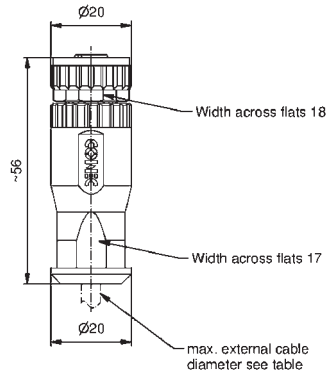


3		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RSC3-S6,5	42-00033
4		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RSC4-S6,5	42-00035

M12x1 CONNECTORS FIELD ATTACHABLE

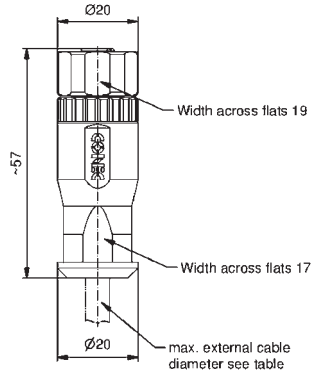
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer \varnothing cable [mm]	Wire cross section min-max [mm ²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKC4-S/150	43-00092
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKC4-S/150/A5220	43-00268
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKC5-S/150	43-00094
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKC5-S/150/A5220	43-00269
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKC8-S	43-00130

Female connector axial with stainless steel coupling nut

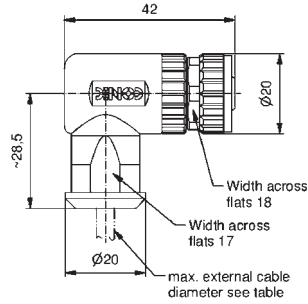


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKCE4-S/150	43-00338
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKCE5-S/150	43-00339
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKCE8-S	43-00340

M12x1 CONNECTORS FIELD ATTACHABLE

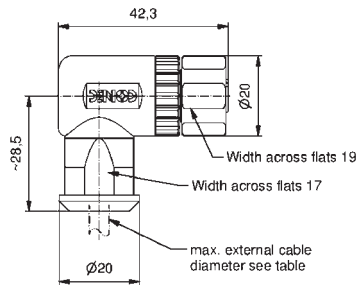
Screw termination

Female connector angled



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE4-S/ 150	43-00096
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKWCE4-S/ 150/A5220	43-00276
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE5-S/ 150	43-00098
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKWCE5-S/ 150/A5220	43-00277
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKWCE8-S	43-00131

Female connector angled with stainless steel coupling nut

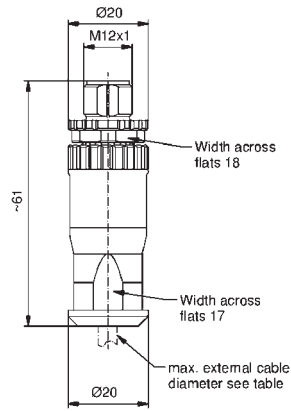


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE4-S/ 150	43-00349
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE5-S/ 150	43-00350
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKWCE8-S	43-00351

M12x1 CONNECTORS FIELD ATTACHABLE

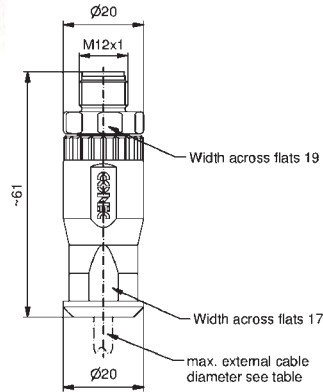
Screw termination

Male connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSC4-S/150	43-00100
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSC4-S/150/A5220	43-00272
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSC5-S/150	43-00102
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSC5-S/150/A5220	43-00273
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSC8-S	43-00132

Male connector axial with stainless steel coupling screw

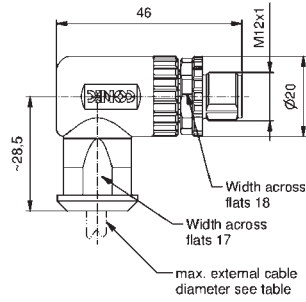


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSCE4-S/150	43-00341
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSCE5-S/150	43-00342
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSCE8-S	43-00343

M12x1 CONNECTORS FIELD ATTACHABLE

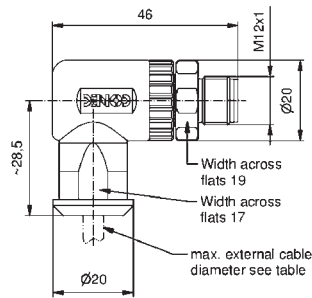
Screw termination

Male connector angled



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWC4-S/ 150	43-00104
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSWCE4-S/ 150/A5220	43-00278
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWC5-S/ 150	43-00106
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSWC5-S/ 150/A5220	43-00279
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSWC8-S	43-00133

Male connector angled with stainless steel coupling screw

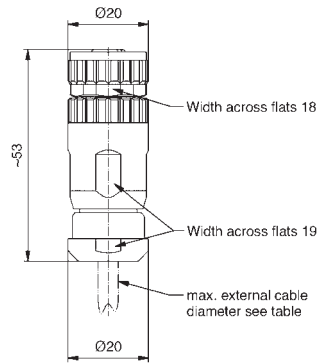
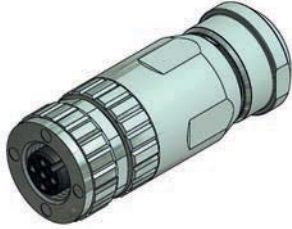


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWCE4-S/ 150	43-00352
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWCE5-S/ 150	43-00353
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSWCE8-S	43-00354

M12x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

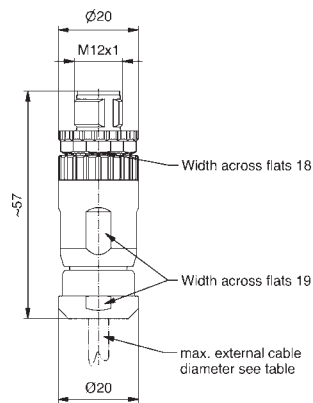
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RKC4-S/ 150	43-00113
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12S-RKC4-S/ 150/A5220	43-00326
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RKC5-S/ 150	43-00114
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12S-RKC5-S/ 150/A5220	43-00356
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12S-RKC8-S	43-00128

Male connector axial

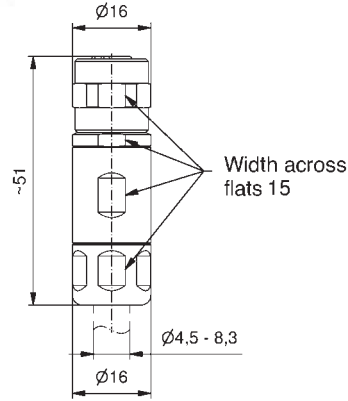


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RSC4-S/ 150	43-00115
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RSC5-S/ 150	43-00116
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12S-RSC8-S	43-00129

M12x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

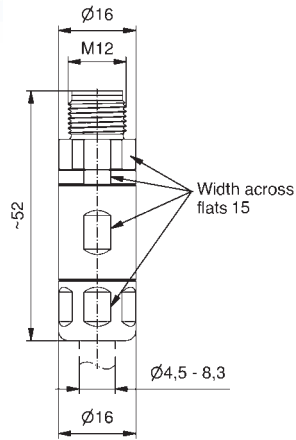
Crimp termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
4	A	250	4	4,5 - 8,3	0,25 - 0,5	SAL-12S-RKC4-C	43-00419
4	A	250	4	4,5 - 8,3	0,34 - 1,0	SAL-12S-RKC4-C/100	43-00421

Male connector axial

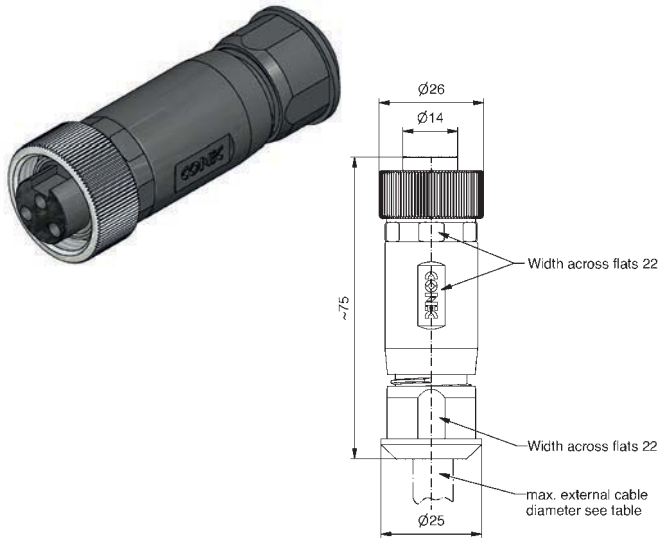


4	A	250	4	4,5 - 8,3	0,25 - 0,5	SAL-12S-RSC4-C	43-00420
4	A	250	4	4,5 - 8,3	0,34 - 1,0	SAL-12S-RSC4-C/100	43-00424

7/8" CONNECTORS FIELD ATTACHABLE

Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
2+PE		250	12	6-12	0,5 - 1,5	SAL-7/8-RKC2PE-S	41-00001
4		250	9	6-12	0,5 - 1,5	SAL-7/8-RKC4-S	41-00002
4+PE		250	9	6-12	0,5 - 1,5	SAL-7/8-RKC4PE-S	41-00003

Male connector axial

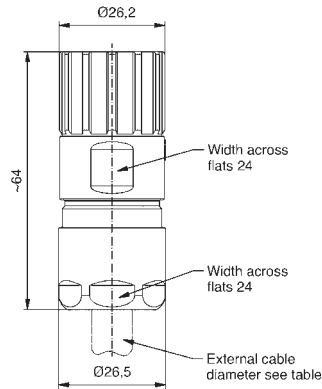
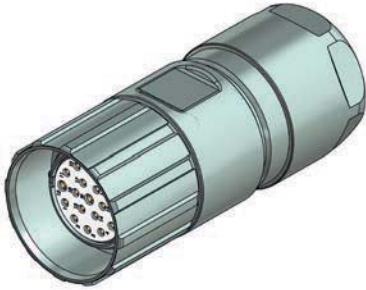


2+PE		250	12	6-12	0,5 - 1,5	SAL-7/8-RSC2PE-S	41-00004
4		250	9	6-12	0,5 - 1,5	SAL-7/8-RSC4-S	41-00005
4+PE		250	9	6-12	0,5 - 1,5	SAL-7/8-RSC4PE-S	41-00006

M23 CONNECTORS FIELD ATTACHABLE

Solder termination

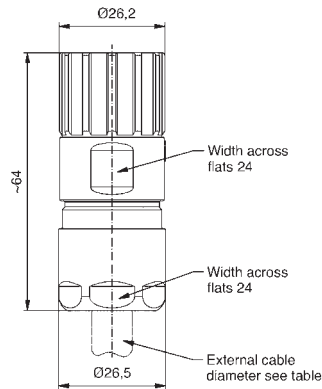
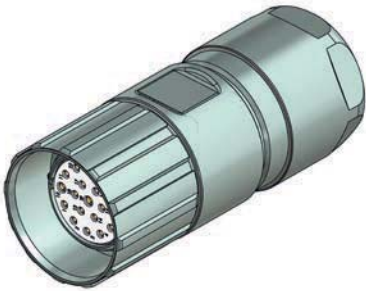
Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Cable length [m]	Description	Part No.
16+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16+3-L	41-90001

Crimp termination

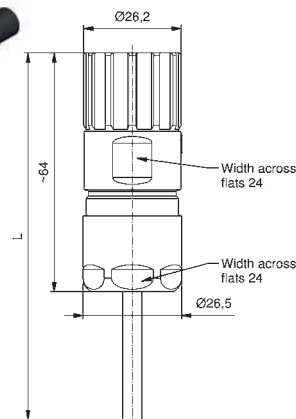
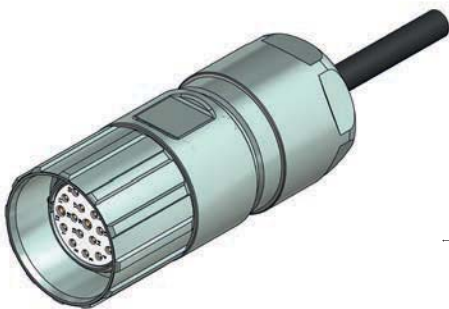
Female connector axial



8+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16.8+3-C	41-90002
16+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16+3-C	41-90000

With cable

Female connector axial, TPU UL, halogenfree, black, Li9Y11Y

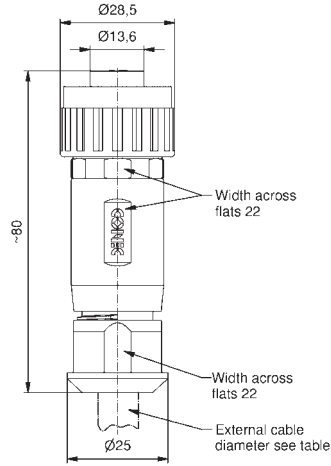


8+3		100	10/8	3 x 17 + 8 x 0,342	5	SAL-23-RKC16.8+3-5/K1	41-90005
					10	SAL-23-RKC16.8+3-10/K1	41-90006
16+3		100	10/8	3 x 17 + 16 x 0,342	5	SAL-23-RKC16+3-5/K1	41-90003
					10	SAL-23-RKC16+3-10/K1	41-90004

Rund24 CONNECTORS FIELD ATTACHABLE

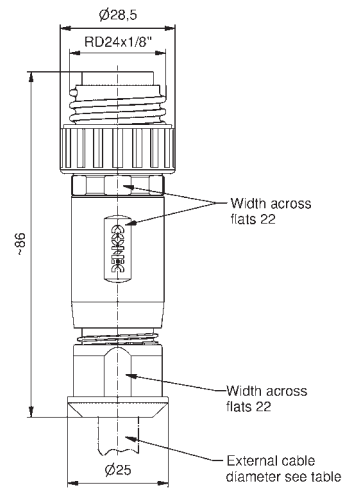
Screw termination

Female connector axial



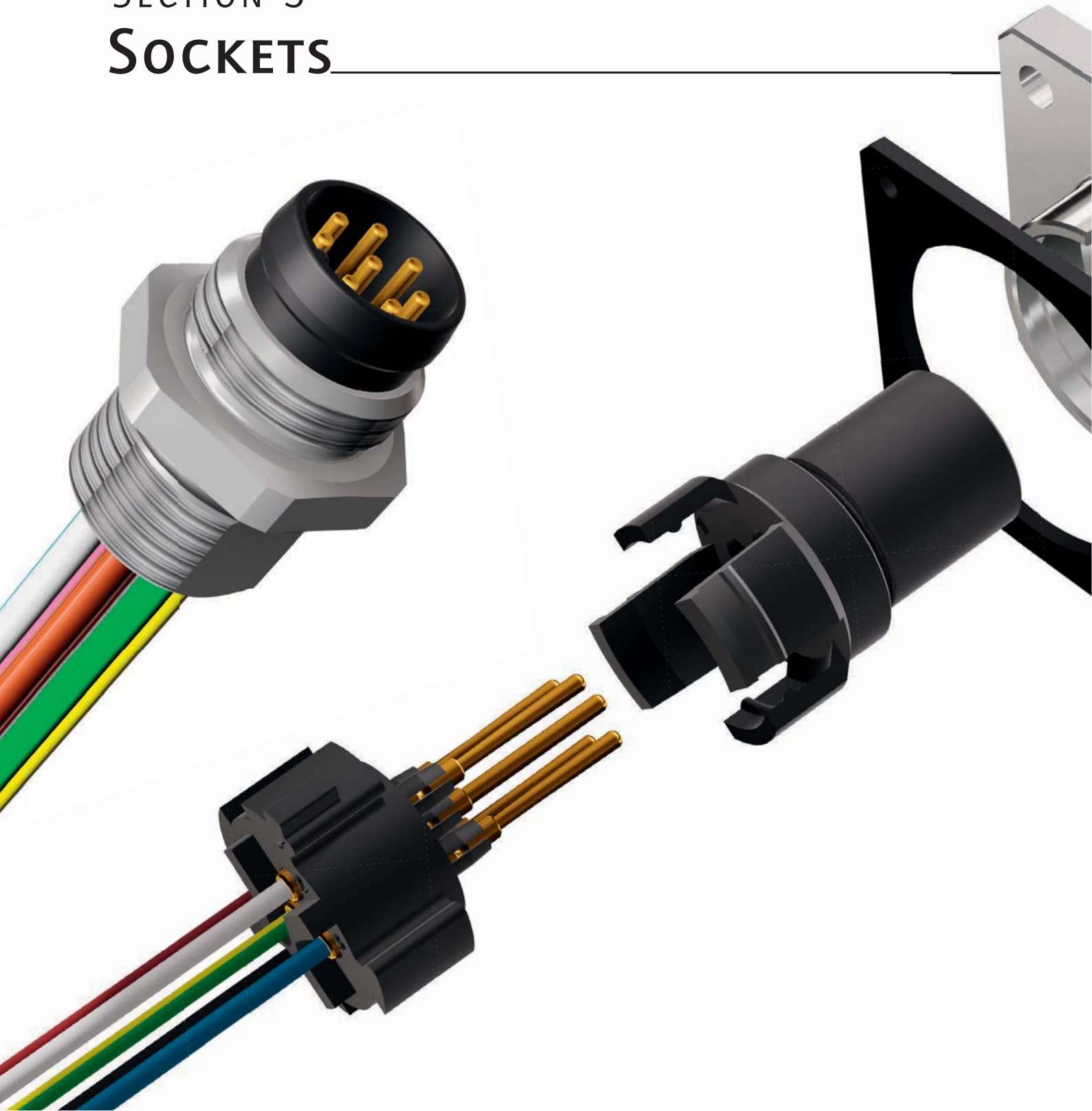
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer \varnothing cable [mm]	Wire cross section min-max [mm ²]	Description	Part No.
3+PE		400	16	6-12	0,5 - 1,5	SAL-24-RKC3PE-S	41-50000
6+PE		250	10	6-12	0,5 - 1,5	SAL-24-RKC6PE-S	41-50001

Male connector axial



3+PE		400	16	6-12	0,5 - 1,5	SAL-24-RSC3PE-S	41-50002
6+PE		250	10	6-12	0,5 - 1,5	SAK-24-RSC6PE-S	41-50003

SECTION 3
SOCKETS





SAL M8x1/M12x1 SOCKETS

Nomenclature

S A L - - 8 S - F K P D A 3 - - XX - 9 / G4

SAL
Sensor Actor Line

Type
= Standard

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding (M12x1), Standard (M8x1)
B = B-coding
BS = B-coding shielded (M8x1)
S = A-coding shielded (M12x1)

Design
F = Socket
I = Insolation body

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, frontmounting
H = Back panel mounting

Type
D = Coupling nut turnable
V = Square flange
VO = Square flange with o-ring sealing

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos. 8 = 8-pos.
4 = 4-pos. 12 = 12-pos.
5 = 5-pos.

LED-Display
= Without LEDs
4L = 4 LEDs

Type of Connection/Installation height

X5 = Dip solder 5.5 mm	X11 = Dip solder 11.2 mm	P5,5 = Dip solder 5.5 mm
X6 = Dip solder 6 mm	X12 = Dip solder 12.2 mm	P6.75 = Dip solder 6.75 mm
X8 = Dip solder 8.2 mm	X13 = Dip solder 13 mm	P12 = Dip solder 12 mm
X9 = Dip solder 9 mm	X15 = Dip solder 15.2 mm	L = Solder termination
X10 = Dip solder 10 mm		XX = Wire/Cable lenght [m]

Pxx = Installation height one-piece socket
Xxx = Installation height two-piece socket

Screw connection

= M8x0.5	9 = PG9	20 = Square flange 20 x 20
= M8x1	11 = PG11	26 = Square flange 26 x 26
= M12x1	12 = M12x1	
= M16x1.5		

Cable quality

G2 = TPU, black, UL
G3 = PVC, grey, UL

SAL M8x1 / M12x1 SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated. gold plated
Contact carrier	PBT GF. UL 94 / PA. UL 94 / TPU GF. UL 94
Sealing	FPM / NBR
Counter nut	CuZn. nickel plated
Socket housing	CuZn. nickel plated
Sealing compound	Polyurethane-resin. UL 94
Shielding	Spring steel
Shielding plated	Sn plated
Coupling nut turnable	GD-Zn. nickel plated
Light conductor	PA 12

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-104 / IEC 61076-2-101
Current rating	IEC 61076-2-104 / IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque for housing: 0.8-1.2 Nm

Technical subject to change without notice.

SAL 7/8" SOCKETS

Nomenclature

S A L - 7 / 8 - F K 4 - 0,5 / -

SAL Sensor Actor Line	
Installation size 7/8 = 7/8"	
Design F = Socket	
Gender K = Female connector S = Male connector	
Assembly = Front panel mounting H = Back panel mounting	
Number of poles 2 PE = 2-pos. + PE 4 = 4-pos. 4 PE = 4-pos. + PE	
Type of Connection/Installation height P10 = Dip solder 10 mm XX = Wire length [m] X10 = Dip solder 10 mm <i>Pxx</i> = Installation height one-piece socket <i>Xxx</i> = Installation height two-piece socket	
Wire cross-section = 0.75 mm ² 150 = 1.50 mm ² 250 = 2.50 mm ²	
Screw connection = PG13.5 11 = PG11	

SAL 7/8" SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated. gold plated
Contact carrier	TPU. UL 94
Sealing	FPM
Counter nut	CuZn. nickel plated
Socket housing	CuZn. nickel plated
Sealing compound	Polyurethane-resin. UL 94

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

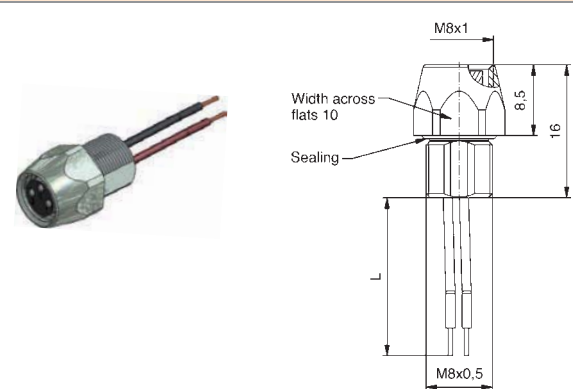
Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2.7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

M8x1 SOCKETS

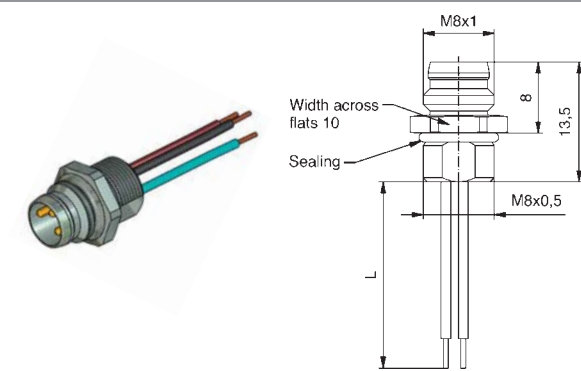
Front panel mounting, wire termination

Female connector, M8x0.5 thread



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Installation height [mm]	Description	Part No.
Pin 1 Pin 3 Pin 4	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FK3-0,2	42-01000
Pin 1 Pin 2 Pin 3 Pin 4	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FK4-0,2	42-01001
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	B	30	3	PVC	24	0,2	SAL-8B-FK5.1-0,2	42-01069
Pin 1 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	1,5	PVC	26	0,2	SAL-8-FK8-0,2	42-01070

Male connector, M8x0.5 thread

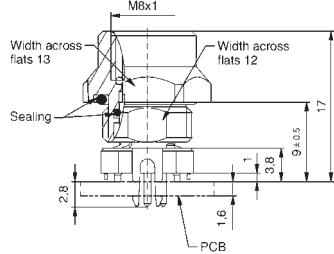


Pin 1 Pin 3 Pin 4	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FS3-0,2	42-01032
Pin 1 Pin 2 Pin 3 Pin 4	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FS4-0,2	42-01033
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	1,5	PVC	26	0,2	SAL-8-FS8-0,2	42-01165
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	1,5	PVC	26	0,2	SAL-8-FS8U-0,2	42-01164

M8x1 SOCKETS

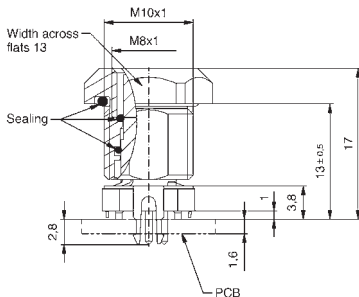
Front panel mounting, dip solder termination, shielded

Female connector axial, installation height 9 mm



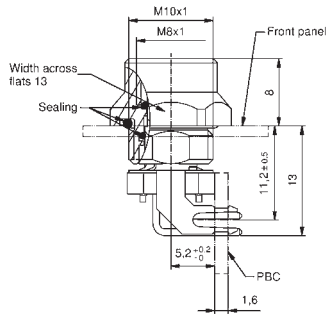
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	9	SAL-8S-FK3-X9	42-01357
4		50 V AC/ 60 V DC	4	9	SAL-8S-FK4-X9	42-01365
5	B	30	4	9	SAL-8S-FK5-X9	42-01373
8	A	30	1,5	9	SAL-8S-FK8-X9	42-01385

Female connector axial, installation height 13 mm



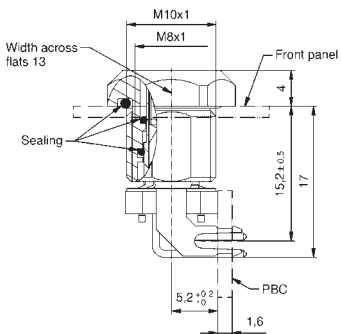
3		50 V AC/ 60 V DC	4	13	SAL-8S-FK3-X13	42-01358
4		50 V AC/ 60 V DC	4	13	SAL-8S-FK4-X13	42-01366
5	B	30	4	13	SAL-8S-FK5-X13	42-01374
8	A	30	1,5	13	SAL-8S-FK8-X13	42-01386

Female connector angled, installation height 11.2 mm



3		50 V AC/ 60 V DC	4	11,2	SAL-8S-FKW3-X11	42-01417
4		50 V AC/ 60 V DC	4	11,2	SAL-8S-FKW4-X11	42-01425

Female connector angled, installation height 15.2 mm

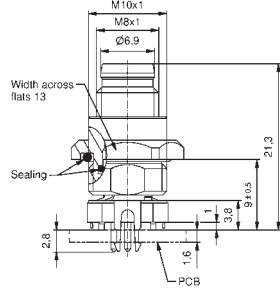


3		50 V AC/ 60 V DC	4	15,2	SAL-8S-FKW3-X15	42-01418
4		50 V AC/ 60 V DC	4	15,2	SAL-8S-FKW4-X15	42-01426

M8x1 SOCKETS

Front panel mounting, dip solder termination, shielded

Male connector axial, installation height 9 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

3

50 V AC/
60 V DC

4

9

SAL-8S-FS3-X9

42-01361

4

50 V AC/
60 V DC

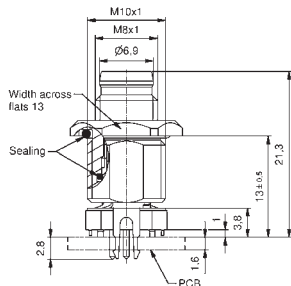
4

9

SAL-8S-FS4-X9

42-01369

Male connector axial, installation height 13 mm



3

50 V AC/
60 V DC

4

13

SAL-8S-FS3-X13

42-01362

4

50 V AC/
60 V DC

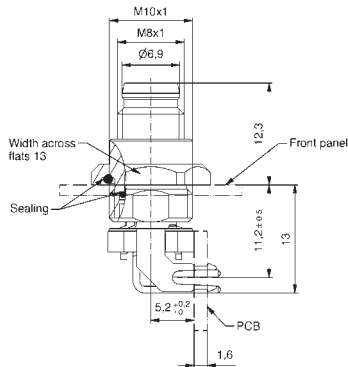
4

13

SAL-8S-FS4-X13

42-01370

Male connector angled, installation height 11.2 mm



3

50 V AC/
60 V DC

4

11,2

SAL-8S-FSW3-X11

42-01421

4

50 V AC/
60 V DC

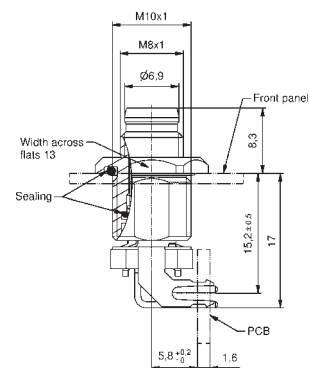
4

11,2

SAL-8S-FSW4-X11

42-01429

Male connector angled, installation height 15.2 mm



3

50 V AC/
60 V DC

4

15,2

SAL-8S-FSW3-X15

42-01422

4

50 V AC/
60 V DC

4

15,2

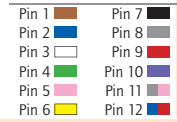
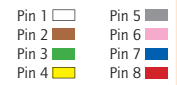
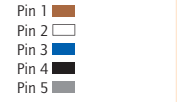
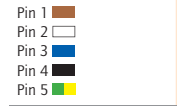
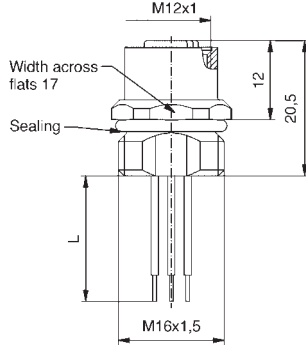
SAL-8S-FSW4-X15

42-01430

M12x1 SOCKETS

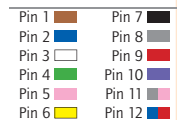
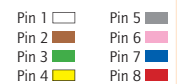
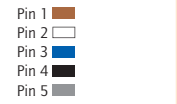
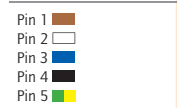
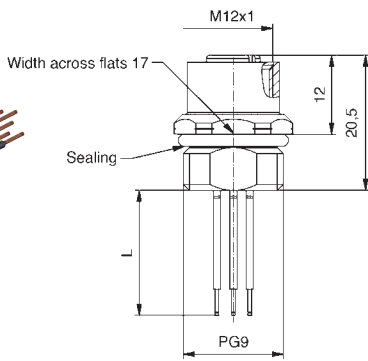
Front panel mounting, wire termination

Female connector, M16x1.5 thread



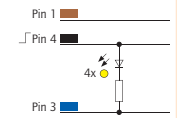
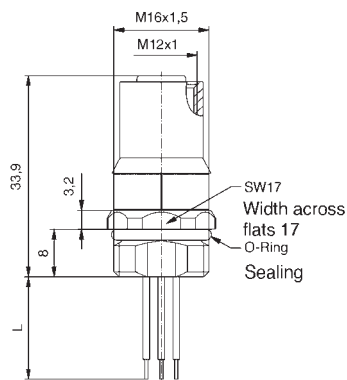
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
4	A	250	4	PVC	24	0,5	SAL-12-FK4-0,5	43-01000
5	A	60	4	PVC	24	0,5	SAL-12-FK5-0,5	43-01001
5	A	60	4	PVC	24	0,5	SAL-12-FK5.1-0,5	43-01045
8	A	30	2	PVC	24	0,5	SAL-12-FK8-0,5	43-01002
12	A	30	1,5	PVC	26	0,5	SAL-12-FK12-0,5	43-01331

Female connector, PG9 thread



4	A	250	4	PVC	24	0,5	SAL-12-FK4-0,5-9	43-01073
5	A	60	4	PVC	24	0,5	SAL-12-FK5-0,5-9	43-01075
5	A	60	4	PVC	24	0,5	SAL-12-FK5.1-0,5-9	43-01074
8	A	30	2	PVC	24	0,5	SAL-12-FK8-0,5-9	43-01097
12	A	30	1,5	PVC	26	0,5	SAL-12-FK12-0,5-9	43-01345

Female connector with LED, M16x1.5 thread

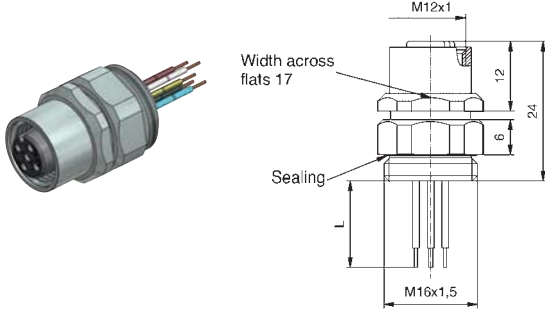


3	A	10-30	4	PVC	22	0,5	SAL-12- FK3-4L-0,5	43-01867
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M12x1 SOCKETS

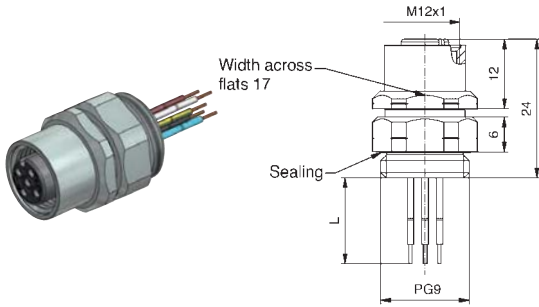
Front panel mounting, wire termination

Female connector positioning possible, M16x1.5 thread



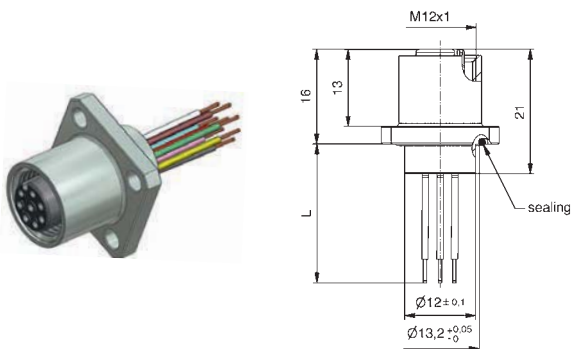
Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FKP4-0,5	43-01006
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKP5-0,5	43-01007
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKP5.1-0,5	43-01053
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FKP8-0,5	43-01008
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FKP12-0,5	43-01341

Female connector positioning possible, PG9 thread



Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FKP4-0,5-9	43-01091
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKP5-0,5-9	43-01093
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKP5.1-0,5-9	43-01092
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FKP8-0,5-9	43-01101
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FKP12-0,5-9	43-01347

Female connector, square flange 20 mm



Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FKV04-0,5-20	43-02084
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKV05-0,5-20	43-02085
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKV05.1-0,5-20	43-02087
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FKV08-0,5-20	43-02086
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FKV012-0,5-20	43-02088

M12x1 SOCKETS

Front panel mounting, wire termination

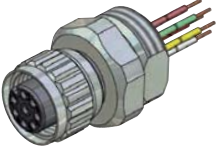
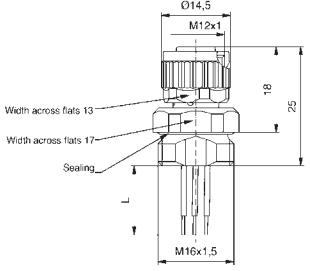

















Female connector, coupling nut turnable, M16x1.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	PVC	24	0,05
5	A	60	4	PVC	24	0,05
8	A	30	2	PVC	24	0,05

Description

Part No.

 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,05	SAL-12-FKD4-0,05	43-01378
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,05	SAL-12-FKD5-0,05	43-01381
	Pin 1  Pin 5  Pin 2  Pin 6  Pin 3  Pin 7  Pin 4  Pin 8 	8	A	30	2	PVC	24	0,05	SAL-12-FKD8-0,05	43-01492

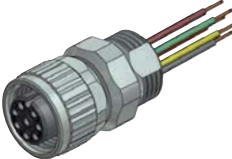
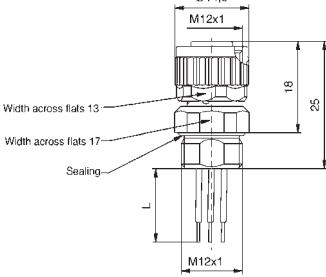

















Female connector, coupling nut turnable, M12x1 thread

Contact assignment

4	A	250	4	PVC	24	0,05
5	A	60	4	PVC	24	0,05
8	A	30	2	PVC	24	0,05

Description

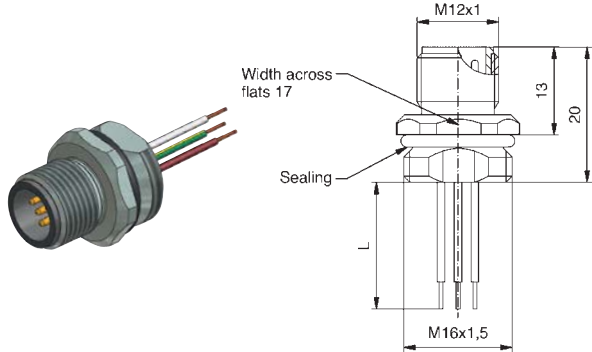
Part No.

 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,05	SAL-12-FKD4-0,05-12	43-01493
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,05	SAL-12-FKD5-0,05-12	43-01494
	Pin 1  Pin 5  Pin 2  Pin 6  Pin 3  Pin 7  Pin 4  Pin 8 	8	A	30	2	PVC	24	0,05	SAL-12-FKD8-0,05-12	43-01495

M12x1 SOCKETS

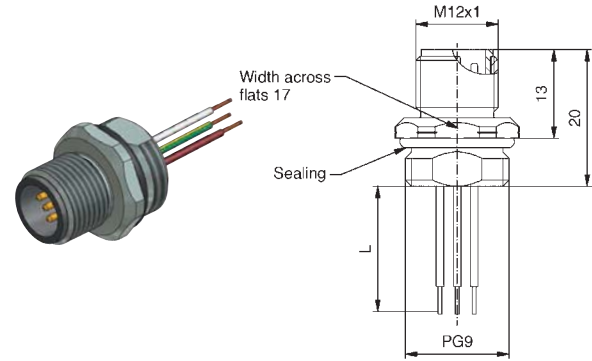
Front panel mounting, wire termination

Male connector, M16x1.5 thread



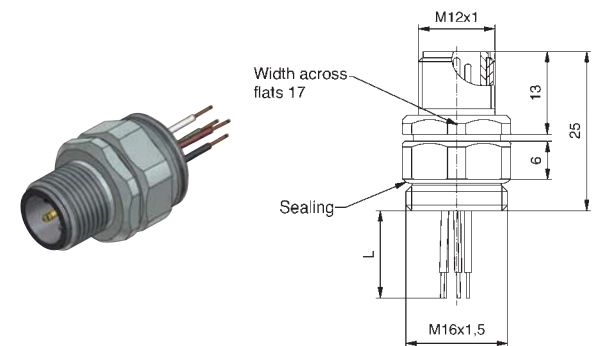
Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FS4-0,5	43-01009
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FS5-0,5	43-01010
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FS5.1-0,5	43-01049
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FS8-0,5	43-01011
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FS12-0,5	43-01330

Male connector, PG9 thread



Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FS4-0,5-9	43-01082
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FS5-0,5-9	43-01084
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FS5.1-0,5-9	43-01083
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FS8-0,5-9	43-01099
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FS12-0,5-9	43-01346

Male connector positioning possible, M16x1.5 thread

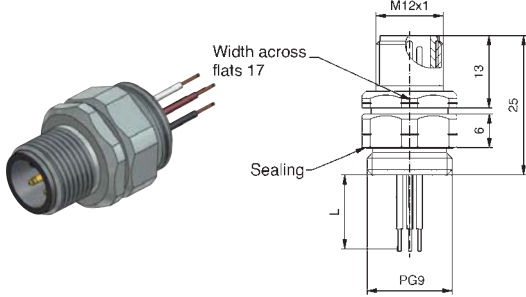


Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSP4-0,5	43-01015
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSP5-0,5	43-01016
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSP5.1-0,5	43-01054
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSP8-0,5	43-01017
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSP12-0,5	43-01342

M12x1 SOCKETS

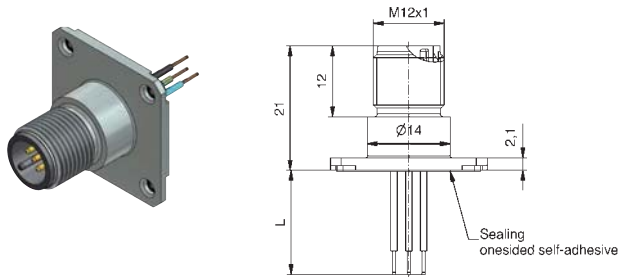
Front panel mounting, wire termination

Male connector positioning possible, PG9 thread



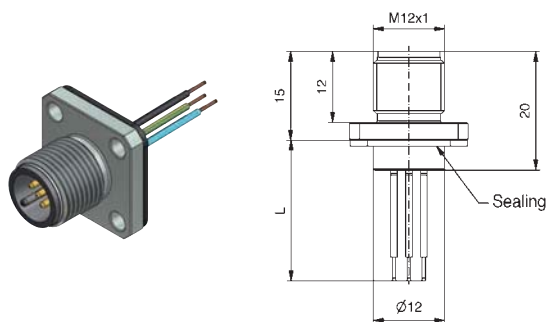
Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSP4-0,5-9	43-01094
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSP5-0,5-9	43-01096
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSP5.1-0,5-9	43-01095
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSP8-0,5-9	43-01102
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSP12-0,5-9	43-01348

Male connector, square flange 26 mm



Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSV4-0,5-26	43-01351
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSV5-0,5-26	43-01352
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSV8-0,5-26	43-01353
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSV12-0,5-26	43-01354

Male connector, square flange 20 mm

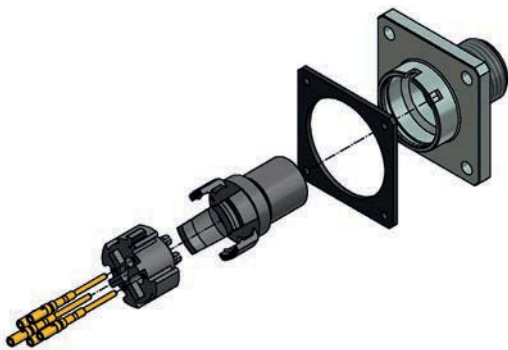
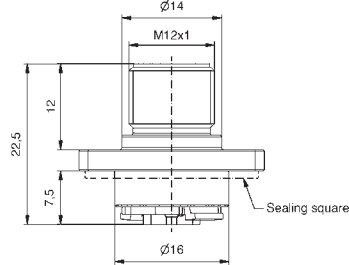


Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSV4-0,5-20	43-01355
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSV5-0,5-20	43-01356
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSV8-0,5-20	43-01357
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSV12-0,5-20	43-01358

M12x1 SOCKETS FIELD ATTACHABLE

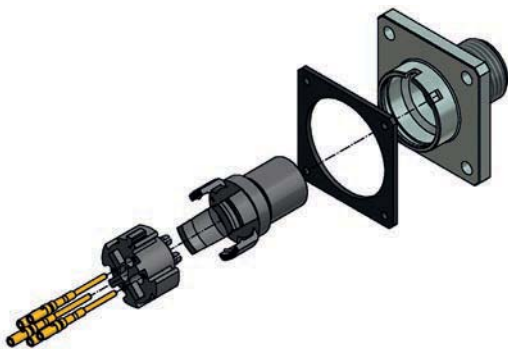
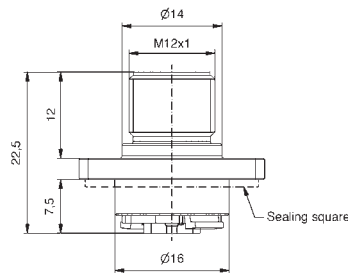
Front panel mounting, wire termination

Male connector, square flange 26 mm, IP67/IP20



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [AWG]	Degree of protection	Description	Part No.
4	A	250	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC4-26	43-02690
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC5-26	43-02611
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC5.1-26	43-02631
8	A	30	2	AWG24 up to max. AWG22	IP 67 *	SAL-12-FSVC8-26	43-02612

Male connector, square flange 26 mm, IP67/IP65



4	A	250	4	AWG22 up to max. AWG20 IP65/ IP67 **		SAL-12-FSVC4-26/ A1065	43-02743
5	A	60	4	AWG22 up to max. AWG20 IP65/ IP67 **		SAL-12-FSVC5-26/ A1065	43-02744
5	A	60	4	AWG22 up to max. AWG20 IP65/ IP67 **		SAL-12-FSVC5.1- 26/A1065	43-02745
8	A	30	2	AWG24 up to max. AWG22 IP65/ IP67 **		SAL-12-FSVC8-26/ A1065	43-02746

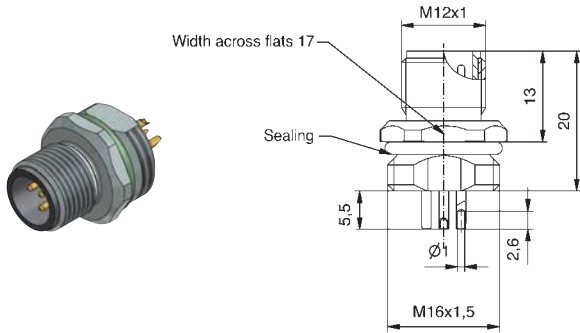
* in mated condition

** in unmated condition IP65; in mated condition IP67

M12x1 SOCKETS

Front panel mounting, solder termination/solder cup

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

4

A

250

4

SAL-12-FS4-L

43-02294

5

A

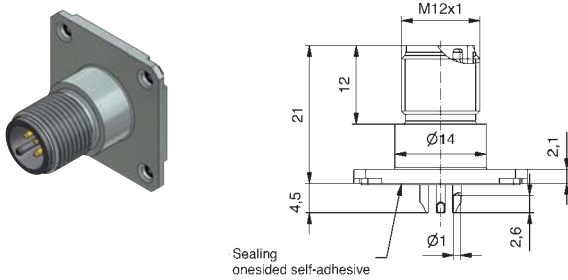
60

4

SAL-12-FS5.1-L

43-02295

Male connector, square flange 26 mm



4

A

250

4

SAL-12-FSV4L-26

43-02303

5

A

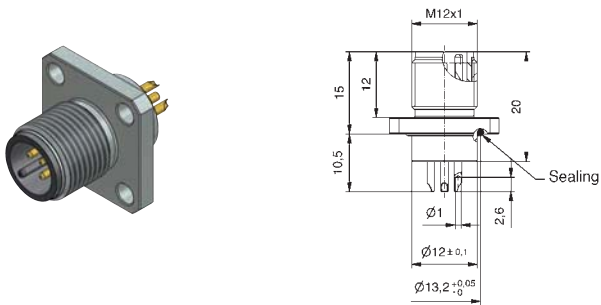
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4

SAL-12-FSV5.1-L-26

43-02304

Male connector, square flange 20 mm



4

A

250

4

SAL-12-FSV04-L-20

43-02300

5

A

60

4

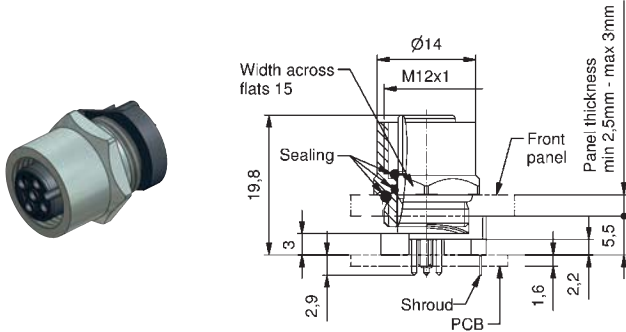
SAL-2-FSV05.1-L-20

43-02301

M12x1 SOCKETS

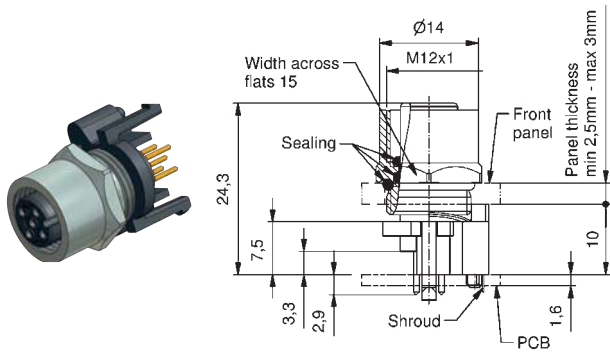
Front panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 5.5 mm



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FK4-X5,5	43-01178
4	A	250	4	5,5	SAL-12S-FK4-X5,5	43-01179 with shroud
5	A	60	4	5,5	SAL-12-FK5-X5,5	43-01180
5	A	60	4	5,5	SAL-12S-FK5-X5,5	43-01181 with shroud

Two-piece female connector, direct circuit board termination, installation height 10 mm

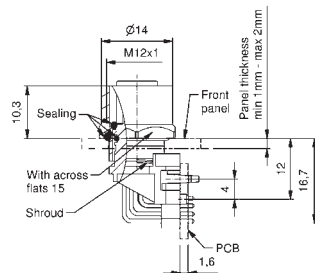
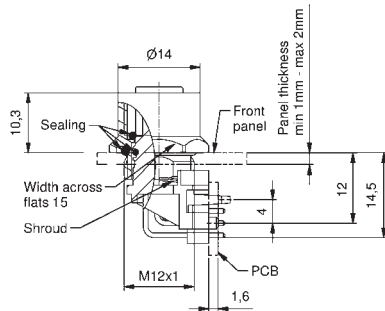
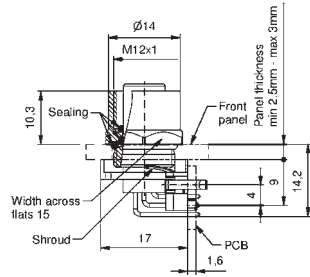


4	A	250	4	10	SAL-12-FK4-X10	43-01162
4	A	250	4	10	SAL-12S-FK4-X10	43-01163 with shroud
5	A	60	4	10	SAL-12-FK5-X10	43-01164
5	A	60	4	10	SAL-12S-FK5-X10	43-01165 with shroud
8	A	30	2	10	SAL-12-FK8-X10	43-01329
8	A	30	2	10	SAL-12S-FK8-X10	43-01332 with shroud

M12x1 SOCKETS

Front panel mounting, dip solder termination

Two-piece female connector, angled, direct circuit board termination



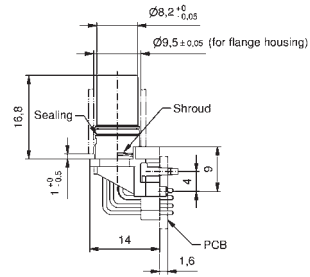
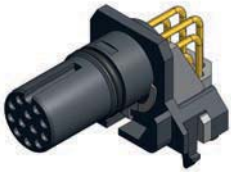
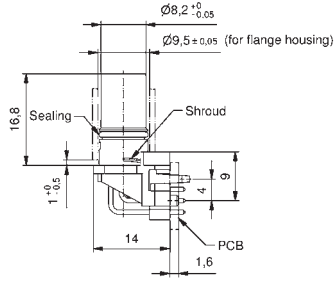
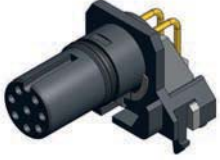
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
4	A	250	4	SAL-12-FKW4	43-01200
4	A	250	4	SAL-12S-FKW4	43-01201 with shroud
5	A	60	4	SAL-12-FKW5	43-01202
5	A	60	4	SAL-12S-FKW5	43-01203 with shroud
8	A	30	2	SAL-12-FKW8	43-02638
8	A	30	2	SAL-12S-FKW8	43-02639 with shroud
12	A	30	1,5	SAL-12-FKW12	43-02640
12	A	30	1,5	SAL-12S-FKW12	43-02641 with shroud

M12x1 SOCKETS

Insulation body, dip solder termination

Female connector

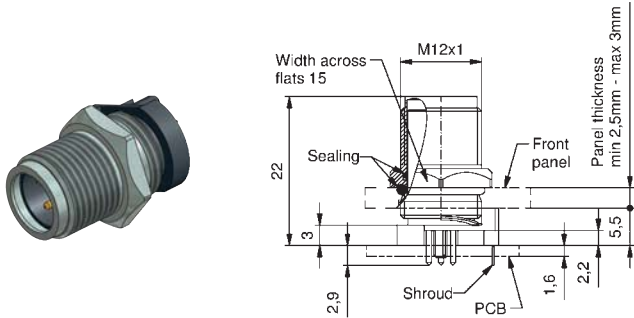
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
8	A	30	2	SAL-12-IKW8	43-02796
8	A	30	2	SAL-12S-IKW8	43-02797 with shroud
12	A	30	1,5	SAL-12-IKW12	43-02798
12	A	30	1,5	SAL-12S-IKW12	43-02799 with shroud



M12x1 SOCKETS

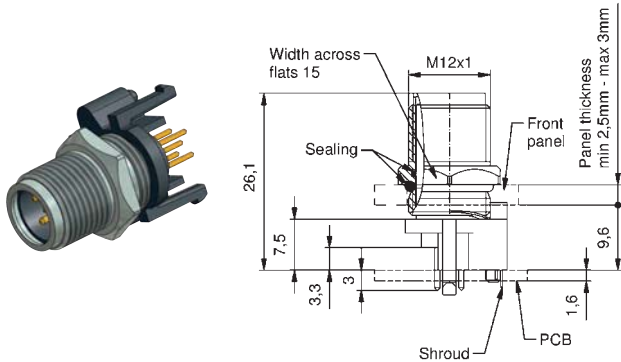
Front panel mounting, dip solder termination

Two-piece male connector, direct circuit board termination, installation height 5.5 mm



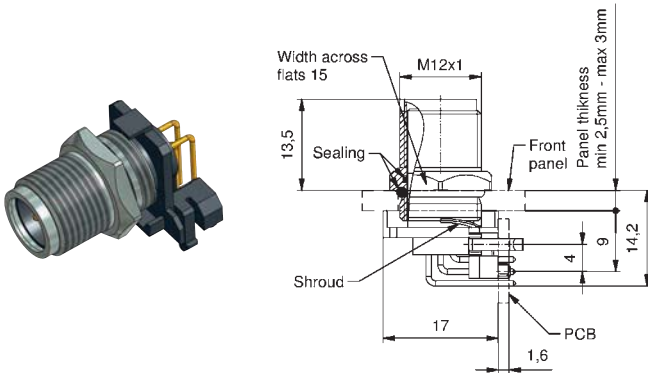
Number of poles	Coding	Current rating [A]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FS4-X5,5	43-01182
4	A	250	4	5,5	SAL-12S-FS4-X5,5	43-01183 with shroud
5	A	60	4	5,5	SAL-12-FS5.1-X5,5	43-01184
5	A	60	4	5,5	SAL-12S-FS5.1-X5,5	43-01185 with shroud

Two-piece male connector, direct circuit board termination, installation height 10 mm



4	A	250	4	10	SAL-12-FS4-X10	43-01166
4	A	250	4	10	SAL-12S-FS4-X10	43-01167 with shroud
5	A	60	4	10	SAL-12-FS5.1-X10	43-01168
5	A	60	4	10	SAL-12S-FS5.1-X10	43-01169 with shroud

Two-piece male connector, angled, direct circuit board termination



4	A	250	4		SAL-12-FSW4	43-01208
4	A	250	4		SAL-12S-FSW4	43-01209 with shroud
5	A	60	4		SAL-12-FSW5.1	43-01210
5	A	60	4		SAL-12S-FSW5.1	43-01211 with shroud

7/8" SOCKETS

Front panel mounting, wire termination, AWG 18

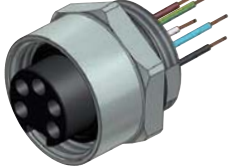
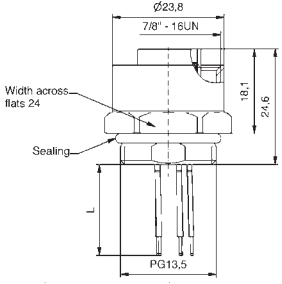












Female connector, PG13.5 thread, AWG 18

Contact assignment

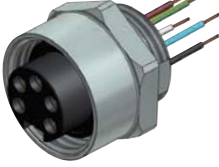
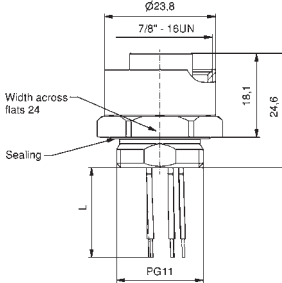












Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
2+PE	A	300	8	PVC	18	0,5
4	A	300	8	PVC	18	0,5
4+PE	A	300	8	PVC	18	0,5

Description

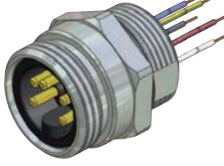
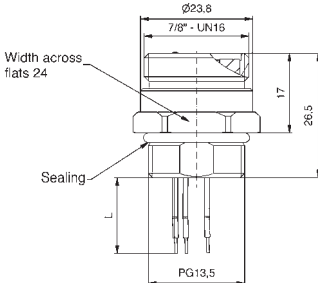












Part No.

 	PE  Pin 2  Pin 3 	2+PE	A	300	8	PVC	18	0,5	SAL-7/8-FK2PE-0,5	41-40006
	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	300	8	PVC	18	0,5	SAL-7/8-FK4-0,5	41-40007
	Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	8	PVC	18	0,5	SAL-7/8-FK4PE-0,5	41-40008

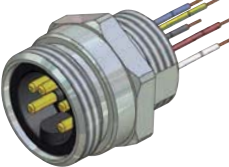
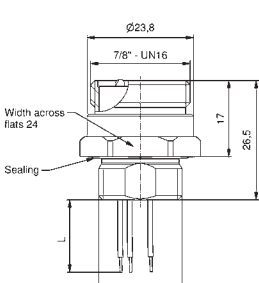












Female connector, PG11 thread, AWG 18

 	PE  Pin 2  Pin 3 	2+PE	A	300	8	PVC	18	0,5	SAL-7/8-FK2PE-0,5-11	41-40030
	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	300	8	PVC	18	0,5	SAL-7/8-FK4-0,5-11	41-40031
	Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	8	PVC	18	0,5	SAL-7/8-FK4PE-0,5-11	41-40032

Male connector, PG13.5 thread, AWG 18

 	PE  Pin 2  Pin 3 	2+PE	A	300	8	PVC	18	0,5	SAL-7/8-FS2PE-0,5	41-40000
	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	300	8	PVC	18	0,5	SAL-7/8-FS4-0,5	41-40001
	Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	8	PVC	18	0,5	SAL-7/8-FS4PE-0,5	41-40002

Male connector, PG11 thread, AWG 18

 	PE  Pin 2  Pin 3 	2+PE	A	300	8	PVC	18	0,5	SAL-7/8-FS2PE-0,5-11	41-40024
	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	300	8	PVC	18	0,5	SAL-7/8-FS4-0,5-11	41-40025
	Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	8	PVC	18	0,5	SAL-7/8-FS4PE-0,5-11	41-40026

7/8" SOCKETS

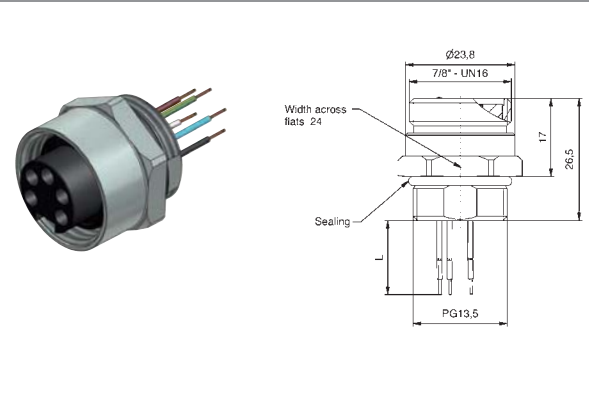
Front panel mounting, wire termination, AWG 16

Female connector, PG13.5 thread, AWG 16

Contact assignment

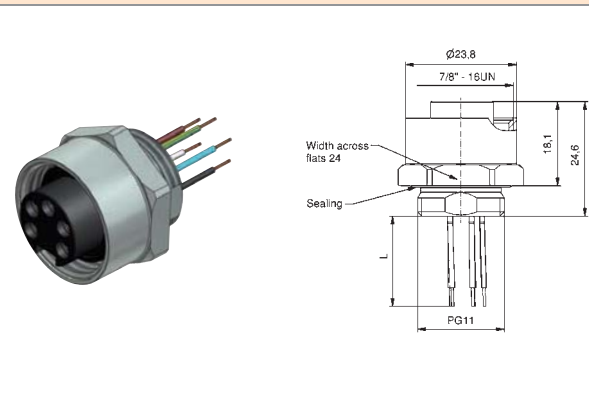
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
2+PE	A	300	12	PVC	16	0,5
4	A	300	12	PVC	16	0,5
4+PE	A	300	12	PVC	16	0,5

Description	Part No.
SAL-7/8-FK2PE-0,5/150	41-40015
SAL-7/8-FK4-0,5/150	41-40016
SAL-7/8-FK4PE-0,5/150	41-40017



- PE
 - Pin 2
 - Pin 3
-
- Pin 1
 - Pin 2
 - Pin 3
 - Pin 4
-
- Pin 1
 - Pin 2
 - PE
 - Pin 4
 - Pin 5

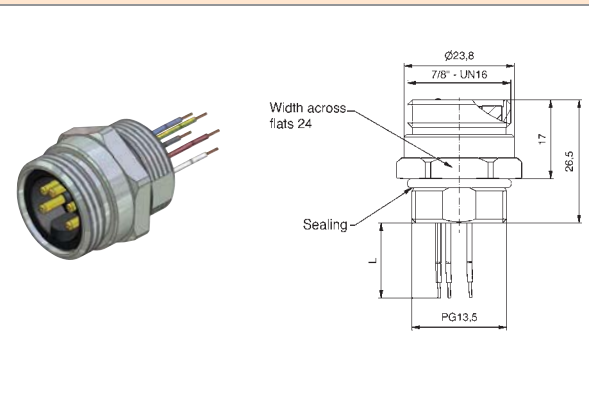
Female connector, PG11 thread, AWG 16



- PE
 - Pin 2
 - Pin 3
-
- Pin 1
 - Pin 2
 - Pin 3
 - Pin 4
-
- Pin 1
 - Pin 2
 - PE
 - Pin 4
 - Pin 5

2+PE	A	300	12	PVC	16	0,5	SAL-7/8-FK2PE-0,5/150-11	41-40039
4	A	300	12	PVC	16	0,5	SAL-7/8-FK4-0,5/150-11	41-40040
4+PE	A	300	12	PVC	16	0,5	SAL-7/8-FK4PE-0,5/150-11	41-40041

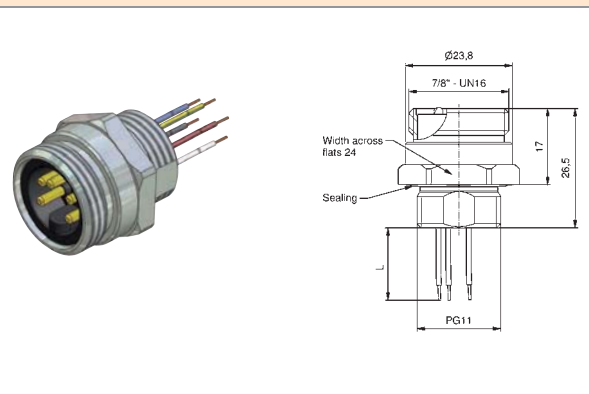
Male connector, PG13.5 thread, AWG 16



- PE
 - Pin 2
 - Pin 3
-
- Pin 1
 - Pin 2
 - Pin 3
 - Pin 4
-
- Pin 1
 - Pin 2
 - PE
 - Pin 4
 - Pin 5

2+PE	A	300	12	PVC	16	0,5	SAL-7/8-FS2PE-0,5/150	41-40009
4	A	300	12	PVC	16	0,5	SAL-7/8-FS4-0,5/150	41-40010
4+PE	A	300	12	PVC	16	0,5	SAL-7/8-FS4PE-0,5/150	41-40011

Male connector, PG11 thread, AWG 16



- PE
 - Pin 2
 - Pin 3
-
- Pin 1
 - Pin 2
 - Pin 3
 - Pin 4
-
- Pin 1
 - Pin 2
 - PE
 - Pin 4
 - Pin 5

2+PE	A	300	12	PVC	16	0,5	SAL-7/8-FS2PE-0,5/150-11	41-40033
4	A	300	12	PVC	16	0,5	SAL-7/8-FS4-0,5/150-11	41-40034
4+PE	A	300	12	PVC	16	0,5	SAL-7/8-FS4PE-0,5/150-11	41-40035

7/8" SOCKETS

Front panel mounting, wire termination, AWG 14


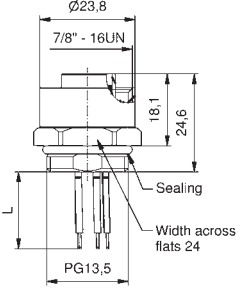








Female connector, PG13.5 thread, AWG 14

Contact assignment


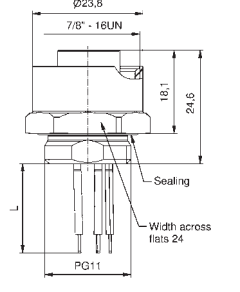








Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
2+PE	A	300	16	PVC	14	0,5
4+PE	A	300	16	PVC	14	0,5

Description


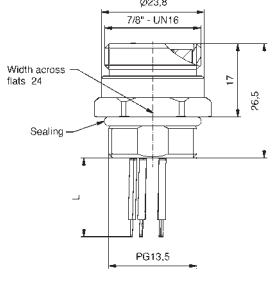








Part No.

 	<p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p>	2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK2PE-0,5/250	41-40115
	<p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK4PE-0,5/250	41-40116

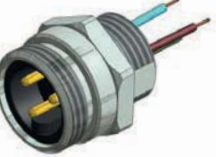
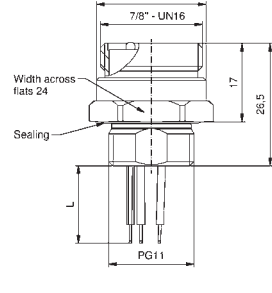








Female connector, PG11 thread, AWG 14

 	<p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p>	2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK2PE-0,5/250-11	41-40117
	<p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK4PE-0,5/250-11	41-40118

Male connector, PG13.5 thread, AWG 14

 	<p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p>	2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS2PE-0,5/250	41-40119
	<p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS4PE-0,5/250	41-40120

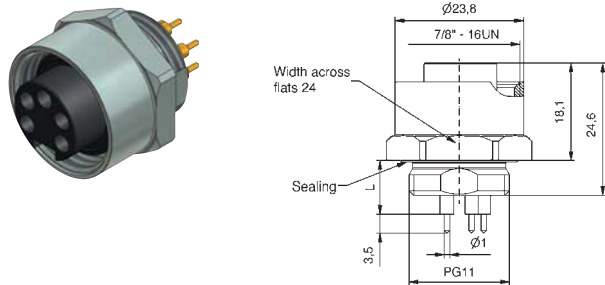
Male connector, PG11 thread, AWG 14

 	<p>PE </p> <p>Pin 2 </p> <p>Pin 3 </p>	2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS2PE-0,5/250-11	41-40121
	<p>Pin 1 </p> <p>Pin 2 </p> <p>PE </p> <p>Pin 4 </p> <p>Pin 5 </p>	4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS4PE-0,5/250-11	41-40122

7/8" SOCKETS

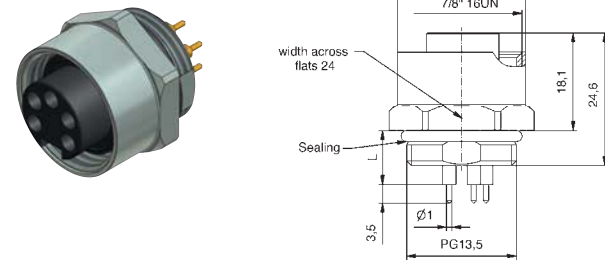
Front panel mounting, dip solder termination

Female connector, direct circuit board termination, PG11 thread



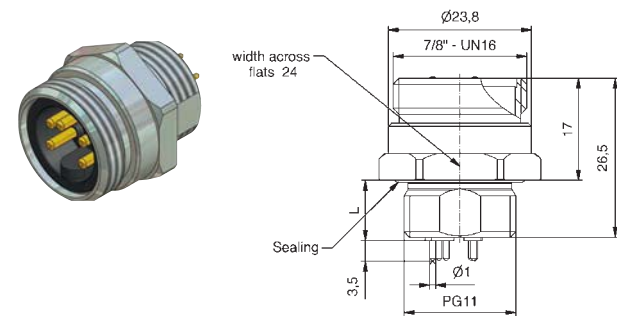
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
2+PE	A	300	12	10	SAL-7/8-FK2PE-P10-11	41-40045
4	A	300	12	10	SAL-7/8-FK4-P10-11	41-40046
4+PE	A	300	12	10	SAL-7/8-FK4PE-P10-11	41-40047

Female connector, direct circuit board termination, PG13.5 thread



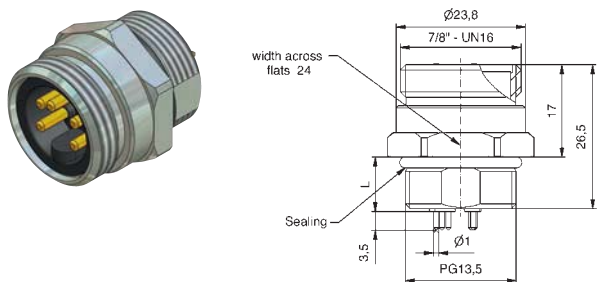
2+PE	A	300	12	10	SAL-7/8-FK2PE-P10	41-40021
4	A	300	12	10	SAL-7/8-FK4-P10	41-40022
4+PE	A	300	12	10	SAL-7/8-FK4PE-P10	41-40023

Male connector, direct circuit board termination, PG11 thread



2+PE	A	300	12	10	SAL-7/8-FS2PE-P10-11	41-40042
4	A	300	12	10	SAL-7/8-FS4-P10-11	41-40043
4+PE	A	300	12	10	SAL-7/8-FS4PE-P10-11	41-40044

Male connector, direct circuit board termination, PG13.5 thread


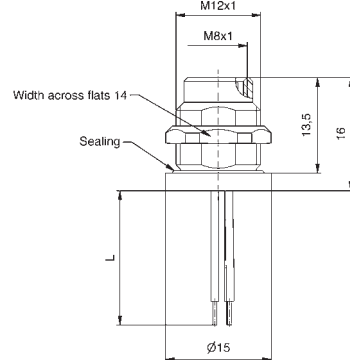






















2+PE	A	300	12	10	SAL-7/8-FS2PE-P10	41-40018
4	A	300	12	10	SAL-7/8-FS4-P10	41-40019
4+PE	A	300	12	10	SAL-7/8-FS4PE-P10	41-40020



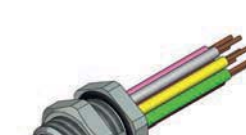


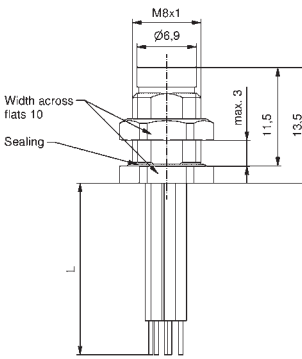
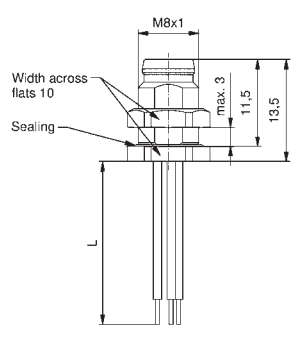
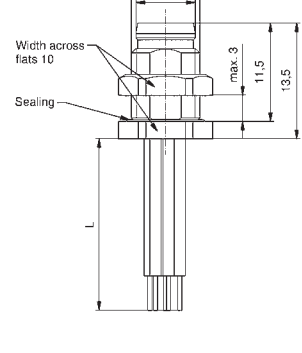




























M8x1 SOCKETS

Back panel mounting, wire termination

Female connector, M12x1 thread

Female connector, M12x1 thread		Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
  <p>Width across flats 14</p> <p>Sealing</p> <p>M12x1</p> <p>M8x1</p> <p>13,5</p> <p>16</p> <p>∅15</p>	Pin 1  Pin 3  Pin 4 	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FKH3-0,2	42-01147	
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FKH4-0,2	42-01148	
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	PVC	24	0,2	SAL-8B-FKH5.1-0,2	42-01149	
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FKH8-0,2	42-01150	

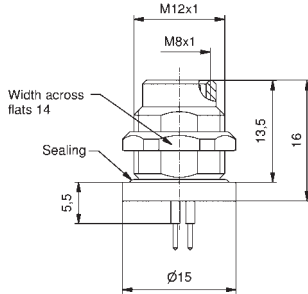
Male connector, M8x1 thread

        <p>Width across flats 10</p> <p>Sealing</p> <p>M8x1</p> <p>∅6,9</p> <p>max. 3</p> <p>11,5</p> <p>13,5</p>	Pin 1  Pin 3  Pin 4 	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FSH3-0,2	42-01034
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FSH4-0,2	42-01035
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	PVC	24	0,2	SAL-8B-FSH5.1-0,2	42-01102
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FSH8-0,2	42-01167
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FSHU8-0,2	42-01166

M8x1 SOCKETS

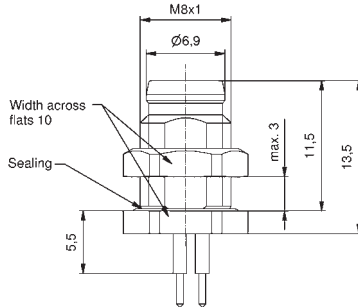
Back panel mounting, dip solder termination

Female connector, M12x1 thread



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	3	5,5	SAL-8-FKH3-P5,5	42-01143
4		50 V AC/ 60 V DC	3	5,5	SAL-8-FKH4-P5,5	42-01144
5	B	30	3	5,5	SAL-8B-FKH5-P5,5	42-01145
8	A	30	1,5	5,5	SAL-8-FKH8-P5,5	42-01146

Male connector, M8x1 thread

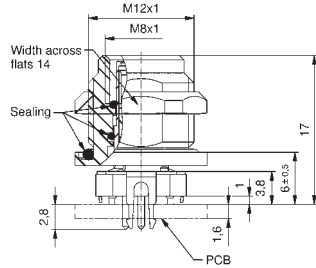


3		50 V AC/ 60 V DC	3	5,5	SAL-8-FSH3-P5,5	42-01107
4		50 V AC/ 60 V DC	3	5,5	SAL-8-FSH4-P5,5	42-01108
5	B	30	3	5,5	SAL-8B-FSH5.1-P5,5	42-01114
8	A	30	1,5	5,5	SAL-8-FS8-P5,5	42-01163
8	A	30	1,5	5,5	SAL-8-FS8U-P5,5	42-01162

M8x1 SOCKETS

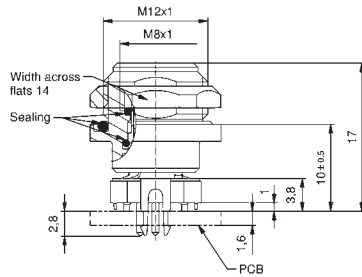
Back panel mounting, dip solder termination, shielded

Female connector axial, installation height 6 mm



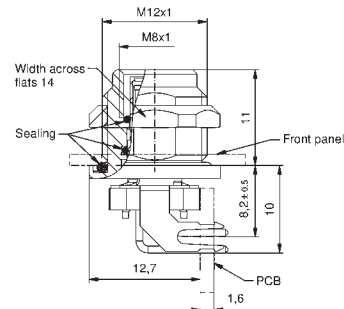
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	6	SAL-8S-FKH3-X6	42-01359
4		50 V AC/ 60 V DC	4	6	SAL-8S-FKH4-X6	42-01367
5	B	30	4	6	SAL-8BS-FKH5-X6	42-01375
8	A	30	1,5	6	SAL-8S-FKH8-X6	42-01387

Female connector axial, installation height 10 mm



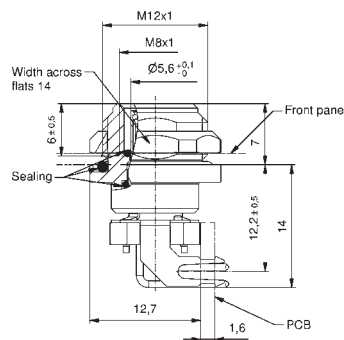
3		50 V AC/ 60 V DC	4	10	SAL-8S-FKH3-X10	42-01360
4		50 V AC/ 60 V DC	4	10	SAL-8S-FKH4-X10	42-01368
5	B	30	4	10	SAL-8BS-FKH5-X10	42-01376
8	A	30	1,5	10	SAL-8S-FKH8-X10	42-01388

Female connector angled, installation height 8.2 mm



3		50 V AC/ 60 V DC	4	8,2	SAL-8S-FKHW3-X8	42-01419
4		50 V AC/ 60 V DC	4	8,2	SAL-8S-FKHW4-X8	42-01427

Female connector angled, installation height 12.2 mm

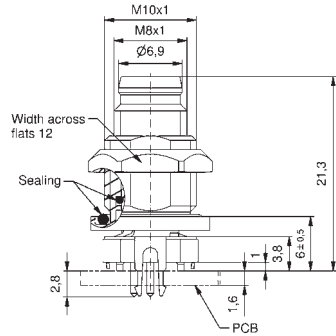
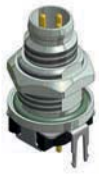


3		50 V AC/ 60 V DC	4	12,2	SAL-8S-FKHW3-X12	42-01420
4		50 V AC/ 60 V DC	4	12,2	SAL-8S-FKHW4-X12	42-01428

M8x1 SOCKETS

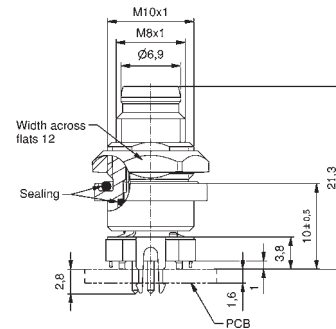
Back panel mounting, dip solder termination, shielded

Male connector axial , installation height 6 mm



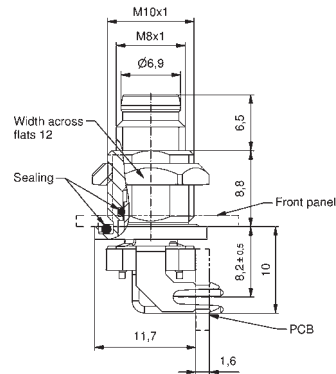
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	6	SAL-8S-FSH3-X6	42-01363
4		50 V AC/ 60 V DC	4	6	SAL-8S-FSH4-X6	42-01371
5	B	30	4	6	SAL-8BS-FSH5.1-X6	42-01379
8	A	30	1,5	6	SAL-8S-FSH8-X6	42-01383

Male connector axial, installation height 10 mm



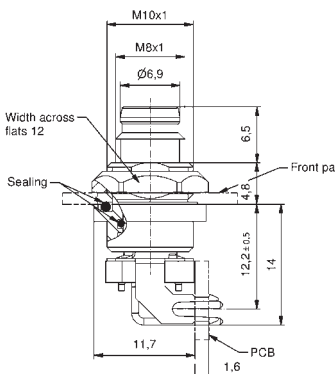
3		50 V AC/ 60 V DC	4	10	SAL-8S-FSH3-X10	42-01364
4		50 V AC/ 60 V DC	4	10	SAL-8S-FSH4-X10	42-01372
5	B	30	4	10	SAL-8BS-FSH5.1-X10	42-01380
8	A	30	1,5	10	SAL-8S-FSH8-X10	42-01384

Male connector angled, installation height 8.2 mm



3		50 V AC/ 60 V DC	4	8,2	SAL-8S-FSHW3-X8	42-01423
4		50 V AC/ 60 V DC	4	8,2	SAL-8S-FSHW4-X8	42-01431

Male connector angled, installation height 12.2 mm

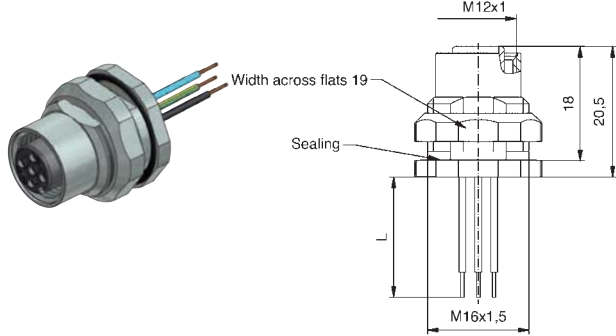


3		50 V AC/ 60 V DC	4	12,2	SAL-8S-FSHW3-X12	42-01424
4		50 V AC/ 60 V DC	4	12,2	SAL-8S-FSHW4-X12	42-01432

M12x1 SOCKETS

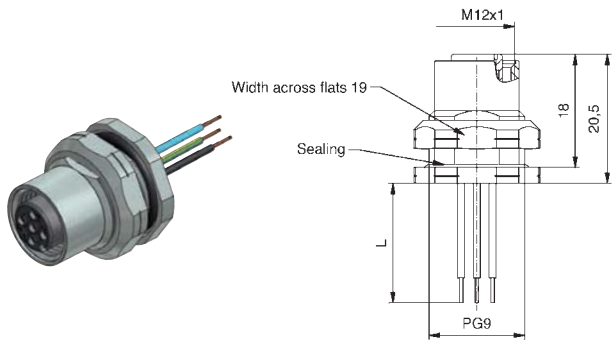
Back panel mounting, wire termination

Female connector, M16x1.5 thread



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FKH4-0,5	43-01003
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKH5-0,5	43-01004
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKH5.1-0,5	43-01048
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FKH8-0,5	43-01005
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FKH12-0,5	43-01343

Female connector, PG9 thread

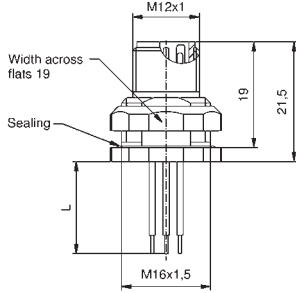
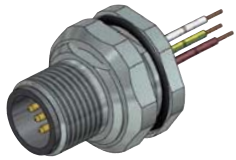


Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FKH4-0,5-9	43-01079
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKH5-0,5-9	43-01081
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FKH5.1-0,5-9	43-01080
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FKH8-0,5-9	43-01098
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FKH12-0,5-9	43-01349

M12x1 SOCKETS

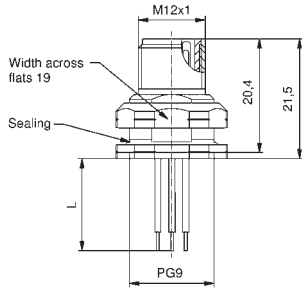
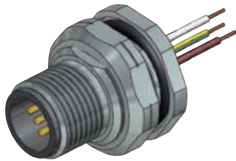
Back panel mounting, wire termination

Male connector, M16x1.5 thread



Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSH4-0,5	43-01012
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSH5-0,5	43-01013
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSH5.1-0,5	43-01052
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSH8-0,5	43-01014
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSH12-0,5	43-01344

Male connector, M16x1.5 thread

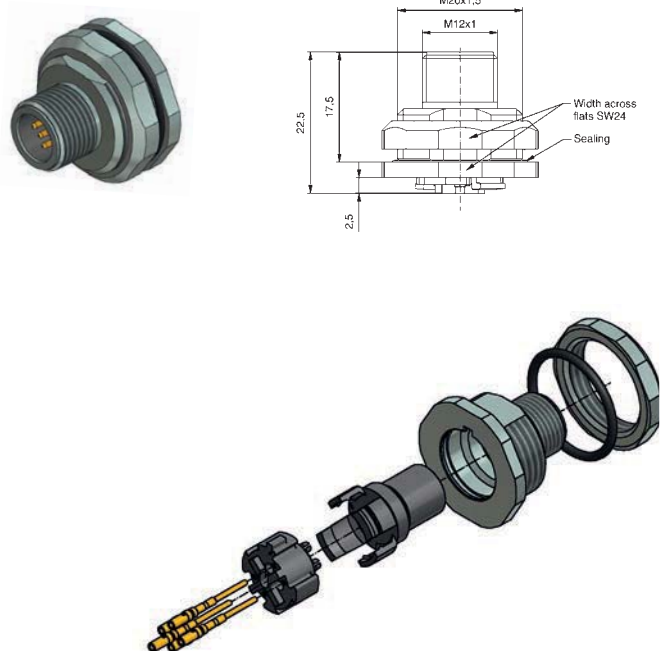
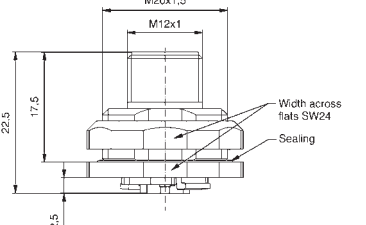


Pin 1 Pin 2 Pin 3 Pin 4	4	A	250	4	PVC	24	0,5	SAL-12-FSH4-0,5-9	43-01088
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSH5-0,5-9	43-01090
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	5	A	60	4	PVC	24	0,5	SAL-12-FSH5.1-0,5-9	43-01089
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8	8	A	30	2	PVC	24	0,5	SAL-12-FSH8-0,5-9	43-01100
Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Pin 9 Pin 10 Pin 11 Pin 12	12	A	30	1,5	PVC	26	0,5	SAL-12-FSH12-0,5-9	43-01350

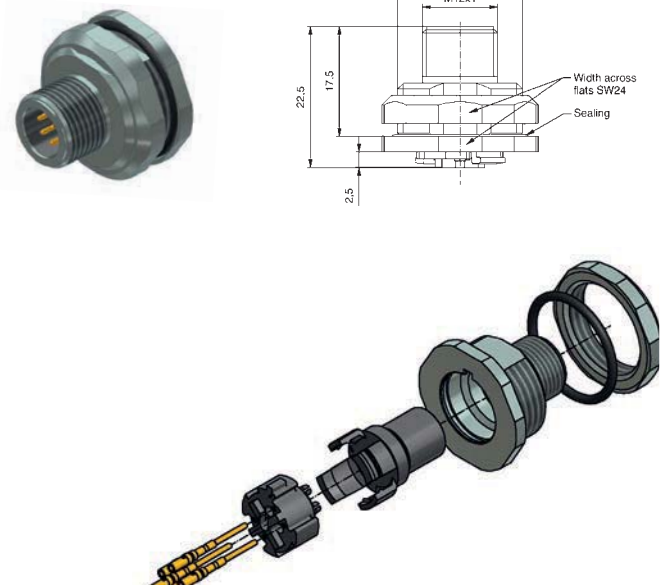
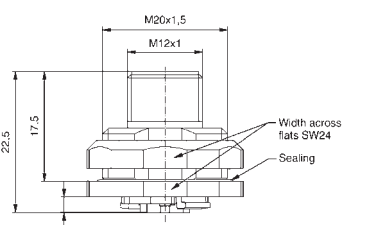
M12x1 SOCKETS FIELD ATTACHABLE

Back panel mounting, wire termination

Male connector, M20x1.5 thread, IP67/IP20

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [AWG]	Degree of protection	Description	Part No.
		4	A	250	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC4	43-02691
		5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC5	43-02613
		5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC5.1	43-02632
		8	A	30	2	AWG24 up to max. AWG22	IP 67 *	SAL-12-FSHC8	43-02614

Male connector, M20x1.5 thread, IP67/IP65

		4	A	250	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSHC4/ A1065	43-02747
		5	A	60	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSHC5/ A1065	43-02748
		5	A	60	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSHC5.1/ A1065	43-02749
		8	A	30	2	AWG24 up to max. AWG22	IP65/ IP67 **	SAL-12-FSHC8/ A1065	43-02750

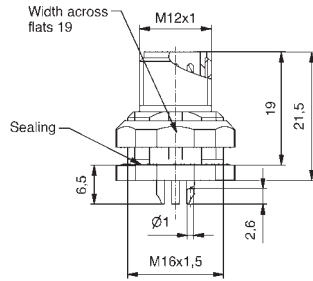
* in mated condition

** in unmated condition IP65; in mated condition IP67

M12x1 SOCKETS

Back panel mounting, solder termination/solder cup

Male connector, M16x1.5 thread

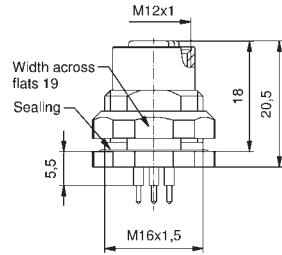


	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
	4	A	250	4	5,5	SAL-12-FSH4-L	43-02297
	5	A	60	4	5,5	SAL-12-FSH5.1-L	43-02298

M12x1 SOCKETS

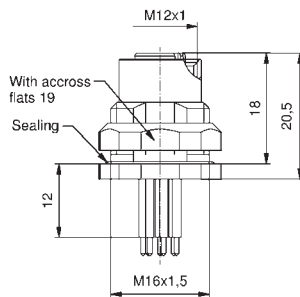
Back panel mounting, dip solder termination

Female connector, M16x1.5 thread, installation height 5.5 mm



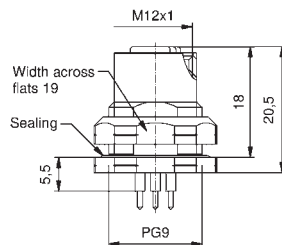
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FKH4-P5,5	43-01026
5	A	60	4	5,5	SAL-12-FKH5-P5,5	43-01027
8	A	30	2	5,5	SAL-12-FKH8-P5,5	43-01028

Female connector, M16x1.5 thread, installation height 12 mm



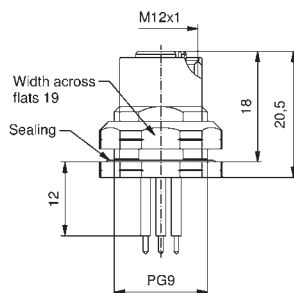
4	A	250	4	12	SAL-12-FKH4-P12	43-01029
5	A	60	4	12	SAL-12-FKH5-P12	43-01030
8	A	30	2	12	SAL-12-FKH8-P12	43-01031

Female connector, PG9 thread, installation height 5.5 mm



4	A	250	4	5,5	SAL-12-FKH4-P5,5-9	43-01059
5	A	60	4	5,5	SAL-12-FKH5-P5,5-9	43-01061
8	A	30	2	5,5	SAL-12-FKH8-P5,5-9	43-01063

Female connector, PG9 thread, installation height 12 mm

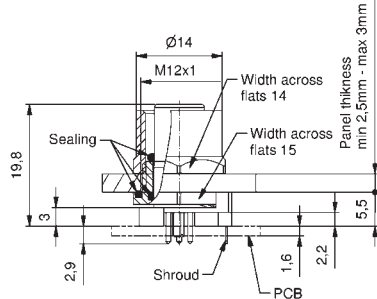


4	A	250	4	12	SAL-12-FKH8-P12-9	43-01060
5	A	60	4	12	SAL-12-FKH5-P12-9	43-01062
8	A	30	2	12	SAL-12-FKH8-P12-9	43-01064

M12x1 SOCKETS

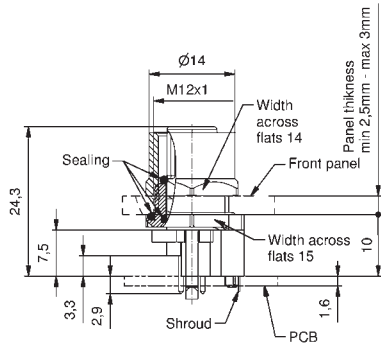
Back panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 5.5 mm



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FKH4-X5,5	43-01186
4	A	250	4	5,5	SAL-12S-FKH4-X5,5	43-01187 with shroud
5	A	60	4	5,5	SAL-12-FKH5-X5,5	43-01188
5	A	60	4	5,5	SAL-12S-FKH5-X5,5	43-01189 with shroud

Two-piece female connector, direct circuit board termination, installation height 10 mm


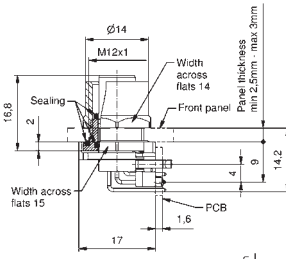


4	A	250	4	10	SAL-12-FKH4-X10	43-01170
4	A	250	4	10	SAL-12S-FKH4-X10	43-01171 with shroud
5	A	60	4	10	SAL-12-FKH5-X10	43-01172
5	A	60	4	10	SAL-12S-FKH5-X10	43-01173 with shroud
8	A	30	2	10	SAL-12-FKH8-X10	43-01334
8	A	30	2	10	SAL-12S-FKH8-X10	43-01335 with shroud


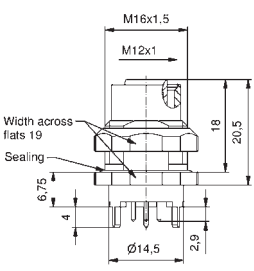
M12x1 SOCKETS

Back panel mounting, dip solder termination

Two-piece female connector angled, direct circuit board termination

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.		
		4	A	250	4		SAL-12-FKHW4	43-01196		
		4	A	250	4			SAL-12S-FKHW4	43-01197 with shroud	
		5	A	60	4			SAL-12-FKHW5	43-01198	
		5	A	60	4			SAL-12S-FKHW5	43-01199 with shroud	
		8	A	30	2			SAL-12-FKHW8	43-02739	
		8	A	30	2			SAL-12S-FKHW8	43-02740 with shroud	
		12	A	30	1,5			SAL-12-FKHW12	43-02741	
		12	A	30	1,5			SAL-12S-FKHW12	43-02742 with shroud	

Female connector with shielding, M16x1.5 thread, installation height 6.75 mm

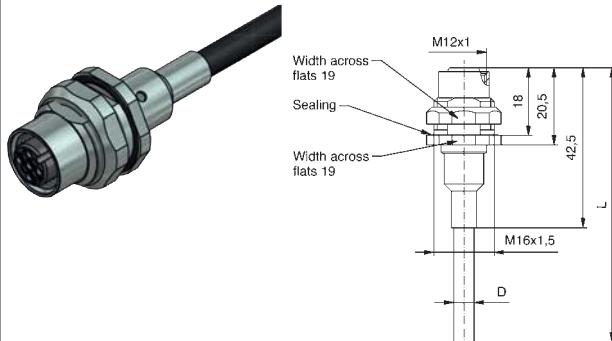
		4	A	250	4	6,75	SAL-12S-FKH4-P6,75	43-01663
		5	A	60	4	6,75	SAL-12S-FKH5-P6,75	43-01664
		8	A	30	2	6,75	SAL-12S-FKH8-P6,75	43-01665

M12x1 SOCKETS

Back panel mounting, with cable, shielded

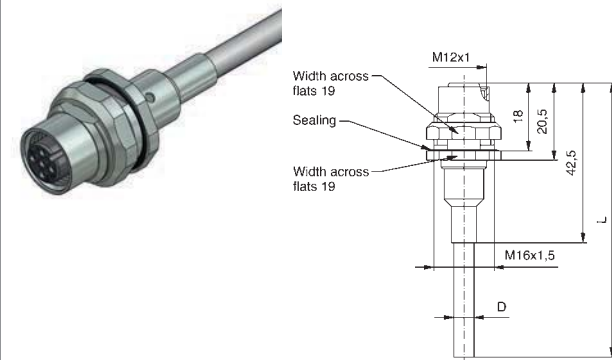
Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y

Contact Assignment



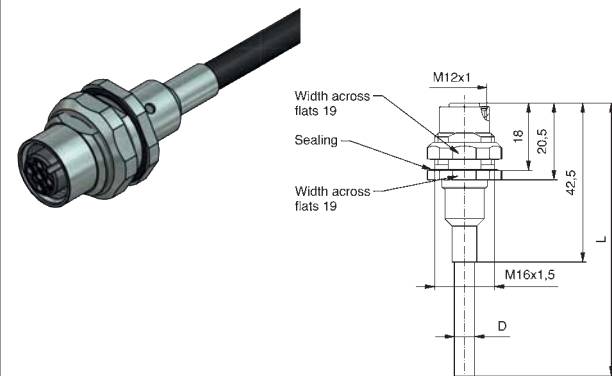
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,5	0,25	SAL-12S-FKH4-0,5/G2	43-02312
4	A	160	4	1	0,25	SAL-12S-FKH4-1/G2	43-02365
4	A	160	4	2	0,25	SAL-12S-FKH4-2/G2	43-02366

Female connector, M16x1.5 thread, PVC, UL, LiYCY



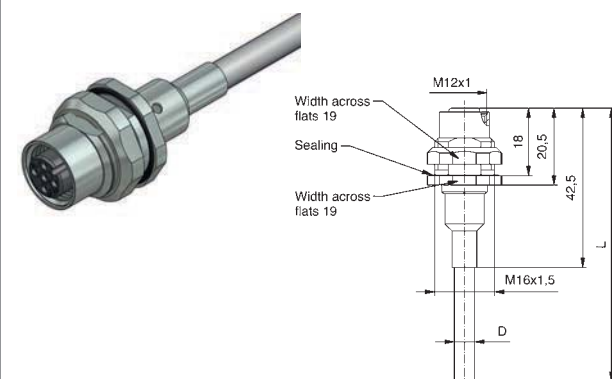
4	A	160	4	0,5	0,25	SAL-12S-FKH4-0,5/G3	43-02313
4	A	160	4	1	0,25	SAL-12S-FKH4-1/G3	43-02367
4	A	160	4	2	0,25	SAL-12S-FKH4-2/G3	43-02368

Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y



5	A	60	4	0,5	0,25	SAL-12S-FKH5.1-0,5/G2	43-02314
5	A	60	4	1	0,25	SAL-12S-FKH5.1-1/G2	43-02369
5	A	60	4	2	0,25	SAL-12S-FKH5.1-2/G2	43-02370

Female connector, M16x1.5 thread, PVC, UL, LiYCY

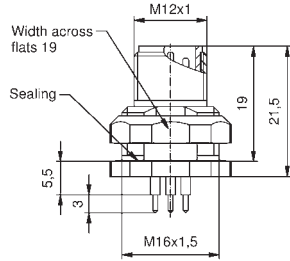


5	A	60	4	0,5	0,25	SAL-12S-FKH5.1-0,5/G3	43-02315
5	A	60	4	1	0,25	SAL-12S-FKH5.1-1/G3	43-02371
5	A	60	4	2	0,25	SAL-12S-FKH5.1-2/G3	43-02372

M12x1 SOCKETS

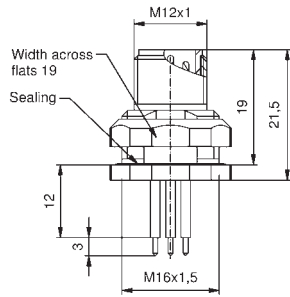
Back panel mounting, dip solder termination

Male connector, M16x1.5 thread, installation height 5.5 mm



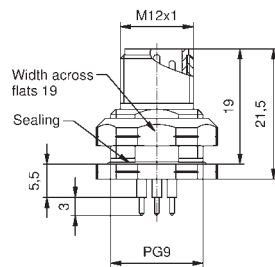
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FSH4-P5,5	43-01032
5	A	60	4	5,5	SAL-12-FSH5-P5,5	43-01033
8	A	30	2	5,5	SAL-12-FSH8-P5,5	43-01034

Male connector, M16x1.5 thread, installation height 12 mm



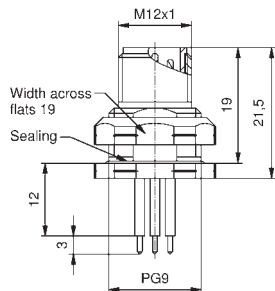
4	A	250	4	12	SAL-12-FSH4-P12	43-01035
5	A	60	4	12	SAL-12-FSH5-P12	43-01036
8	A	30	2	12	SAL-12-FSH8-P12	43-01037

Male connector, PG9 thread, installation height 5.5 mm



4	A	250	4	5,5	SAL-12-FSH4-P5,5-9	43-01065
5	A	60	4	5,5	SAL-12-FSH5-P5,5-9	43-01069
8	A	30	2	5,5	SAL-12-FSH8-P5,5-9	43-01071

Male connector, PG9 thread, installation height 12 mm

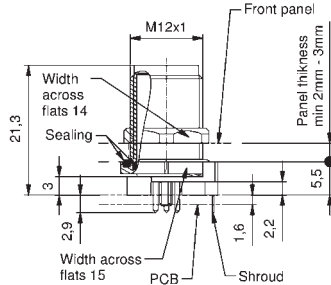


4	A	250	4	12	SAL-12-FSH4-P12-9	43-01066
5	A	60	4	12	SAL-12-FSH5-P12-9	43-01070
8	A	30	2	12	SAL-12-FSH8-P12-9	43-01072

M12x1 SOCKETS

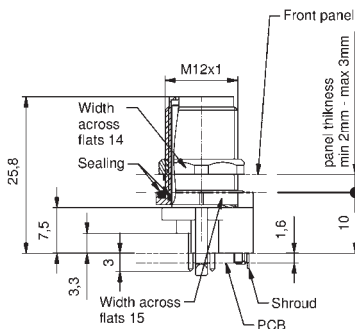
Back panel mounting, dip solder termination

Two-piece male connector, direct circuit board termination, installation height 5.5 mm



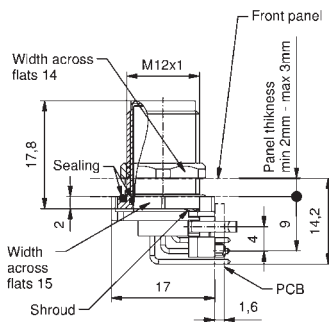
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FSH4-X5,5	43-01190
4	A	250	4	5,5	SAL-12S-FSH4-X5,5	43-01191 with shroud
5	A	60	4	5,5	SAL-12-FSH5.1-X5,5	43-01192
5	A	60	4	5,5	SAL-12S-FSH5.1-X5,5	43-01193 with shroud

Two-piece male connector, direct circuit board termination, installation height 10 mm



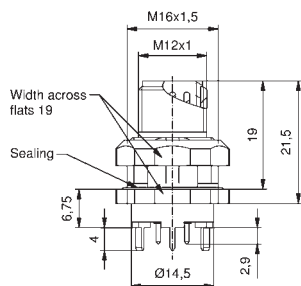
4	A	250	4	10	SAL-12-FSH4-X10	43-01174
4	A	250	4	10	SAL-12S-FSH4-X10	43-01175 with shroud
5	A	60	4	10	SAL-12-FSH5.1-X10	43-01176
5	A	60	4	10	SAL-12S-FSH5.1-X10	43-01177 with shroud

Two-piece male connector, angled, direct circuit board termination



4	A	250	4		SAL-12-FSHW4	43-01204
4	A	250	4		SAL-12S-FSHW4	43-01205 with shroud
5	A	60	4		SAL-12-FSHW5.1	43-01206
5	A	60	4		SAL-12S-FSHW5.1	43-01207 with shroud

Male connector with shielded connection, M16x1,5 thread



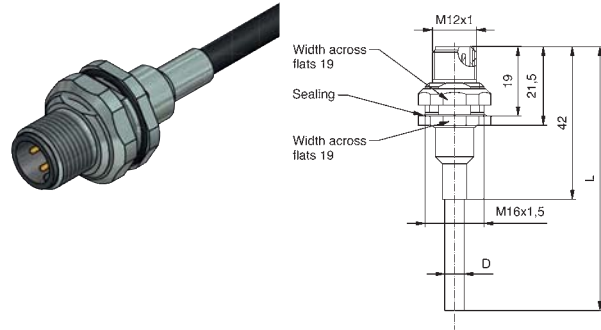
4	A	250	4	6,75	SAL-12S-FSH4-P6,75	43-02204
5	A	60	4	6,75	SAL-12S-FSH5.1-P6,75	43-02205

M12x1 SOCKETS

Back panel mounting with cable, shielded

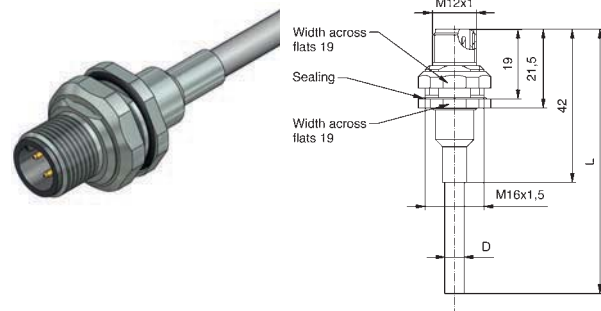
Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y

Contact Assignment



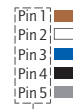
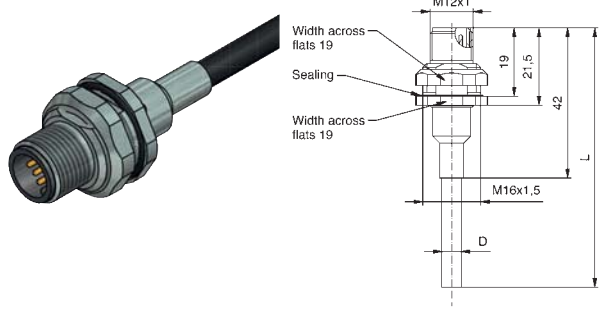
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,5	0,25	SAL-12S-FSH4-0,5/G2	43-02308
4	A	160	4	1	0,25	SAL-12S-FSH4-1/G2	43-02349
4	A	160	4	2	0,25	SAL-12S-FSH4-2/G2	43-02350

Female connector, M16x1.5 thread, PVC, UL, LiYCY



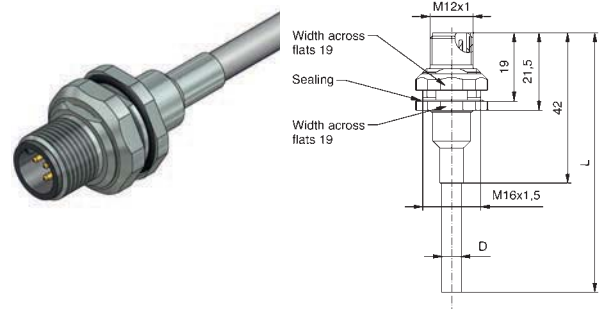
4	A	160	4	0,5	0,25	SAL-12S-FSH4-0,5/G3	43-02309
4	A	160	4	1	0,25	SAL-12S-FSH4-1/G3	43-02351
4	A	160	4	2	0,25	SAL-12S-FSH4-2/G3	43-02352

Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y



5	A	60	4	0,5	0,25	SAL-12S-FSH5.1-0,5/G2	43-02306
5	A	60	4	1	0,25	SAL-12S-FSH5.1-1/G2	43-02353
5	A	60	4	2	0,25	SAL-12S-FSH5.1-2/G2	43-02354

Female connector, M16x1.5 thread, PVC, UL, LiYCY

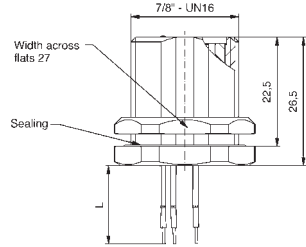
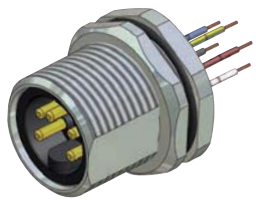


5	A	60	4	0,5	0,25	SAL-12S-FSH5.1-0,5/G3	43-02307
5	A	60	4	1	0,25	SAL-12S-FSH5.1-1/G3	43-02355
5	A	60	4	2	0,25	SAL-12S-FSH5.1-2/G3	43-02356

7/8" SOCKETS

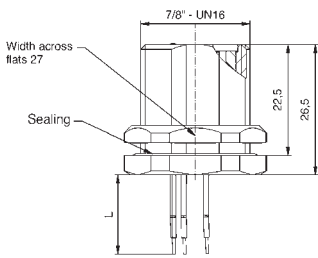
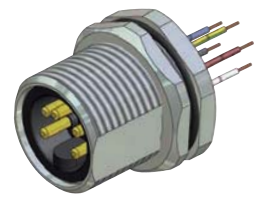
Back panel mounting, wire termination

Male connector, AWG 18



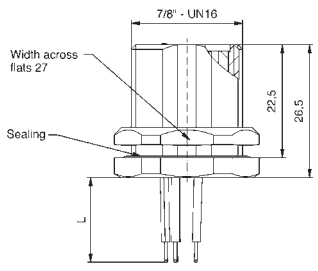
Contact Assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
PE Pin 2 Pin 3	2+PE		300	8	PVC	18	0,5	SAL-7/8-FSH2PE-0,5	41-40003
Pin 1 Pin 2 Pin 3 Pin 4	4		300	8	PVC	18	0,5	SAL-7/8-FSH4-0,5	41-40004
Pin 1 Pin 2 PE Pin 4 Pin 5	4+PE		300	8	PVC	18	0,5	SAL-7/8-FSH4PE-0,5	41-40005

Male connector, AWG 16



PE Pin 2 Pin 3	2+PE		300	12	PVC	16	0,5	SAL-7/8-FSH2PE-0,5/150	41-40012
Pin 1 Pin 2 Pin 3 Pin 4	4		300	12	PVC	16	0,5	SAL-7/8-FSH4-0,5/150	41-40013
Pin 1 Pin 2 PE Pin 4 Pin 5	4+PE		300	12	PVC	16	0,5	SAL-7/8-FSH4PE-0,5/150	41-40014

Male connector, AWG 14


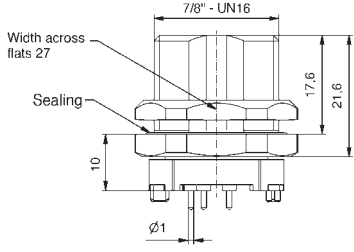


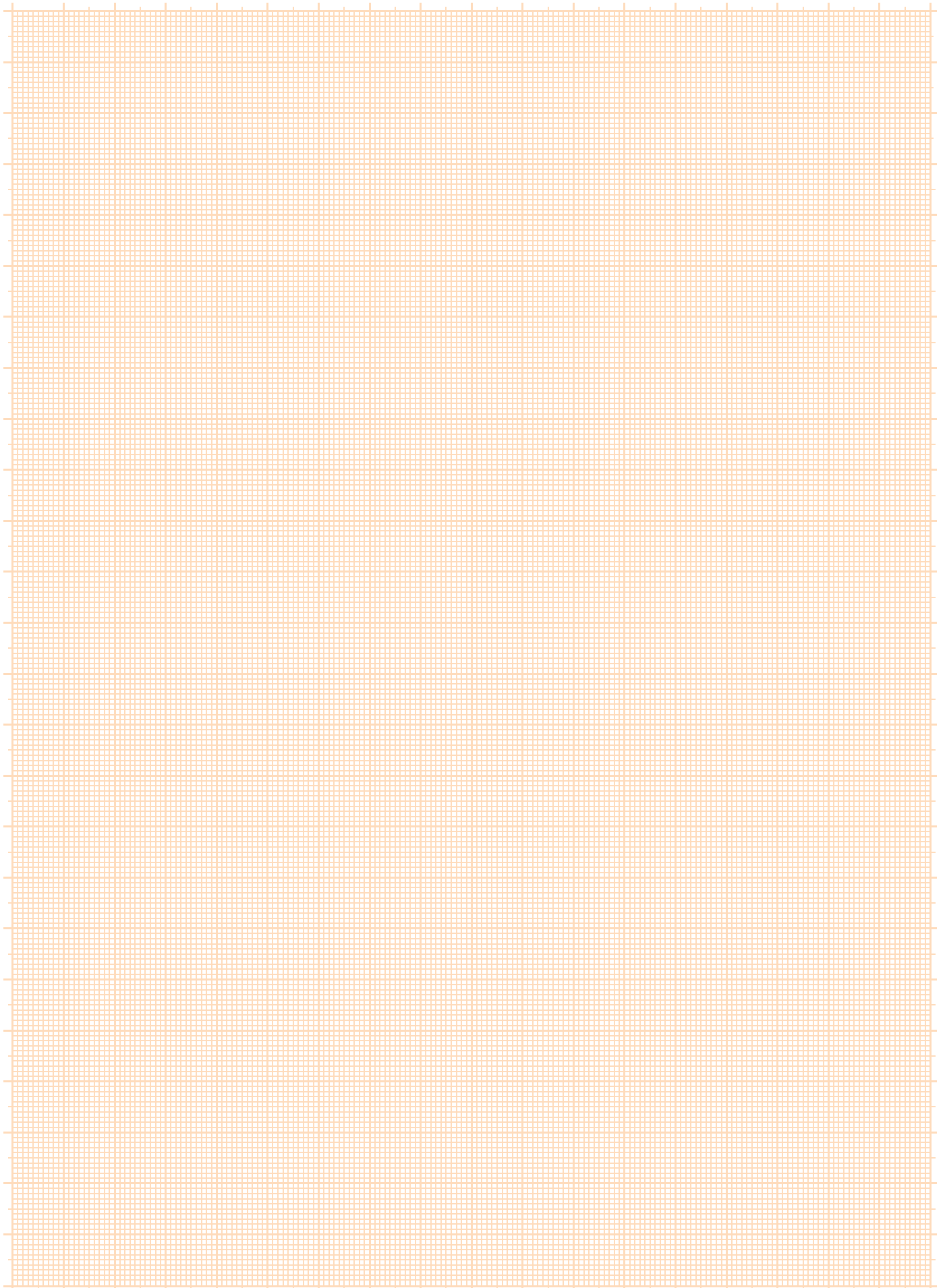
PE Pin 2 Pin 3	2+PE		300	16	PVC	14	0,5	SAL-7/8-FSH2PE-0,5/250	41-40123
Pin 1 Pin 2 PE Pin 4 Pin 5	4+PE		300	16	PVC	14	0,5	SAL-7/8-FSH4PE-0,5/250	41-40124

7/8" SOCKETS

Back panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 10 mm

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	2+PE		300	12	10	SAL-7/8-FSH2PE-X10	41-40048
	4		300	12	10	SAL-7/8-FSH4-X10	41-40049
	4+PE		300	12	10	SAL-7/8-FSH4PE-X10	41-40050



SECTION 4

SOCKETS SMT / THR





SAL M8x1/M12x1 SOCKETS SMT/THR

Nomenclature

S A L - 1 2 - F K - 4 - X 9 / SMT

SAL
Sensor Actor Line

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1), Standard (M8x1)
B = B-coding
D = D-coding
S = A-coding shielded
BS = B-coding shielded

Design

F = Socket
I = Insulation body

Gender

K = Female connector
S = Male connector

Assembly

= Front panel mounting
H = Back panel mounting

Configuration

= Axial
W = Angled

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

Type of connection/Installation height

X6 = Dip solder 6 mm X10 = Dip solder 10 mm
X8 = Dip solder 8.2 mm X12 = Dip solder 12.2 mm
X9 = Dip solder 9 mm X13 = Dip solder 13 mm
Xxx = Installation height two-piece socket

Termination

= Manual assembly
SMT = Surface Mount Technology (Reflow Soldering)
THR = Through Hole Reflow (Reflow Soldering)

SAL M8x1 / M12x1 SOCKETS SMT / THR

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	LCP GF
Soldering sheet	CuZn, Ni/Sn
Socket housing	CuZn, Ni
Sealing	FPM, NBR
Shielding	CuSn, Ni/sel. Sn

Technical Data

Information on the following pages are basing on below mentioned IWEK-standards.

Rated voltage	IEC 61076-2-101 / 104
Current rating	IEC 61076-2-101 / 104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Mating cycles	IEC 60512-9a

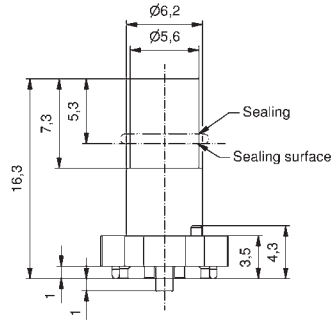
Recommended torque for housing: 1-1.2 Nm

Technical subject to change without notice.

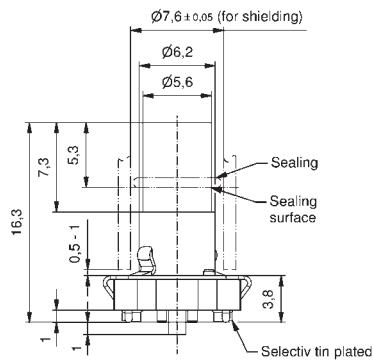
M8x1 SOCKETS SMT

Insulation body

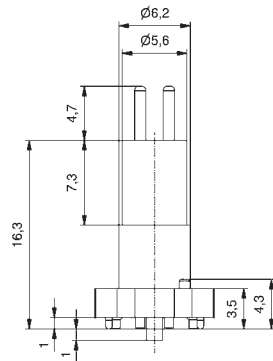
Female connector



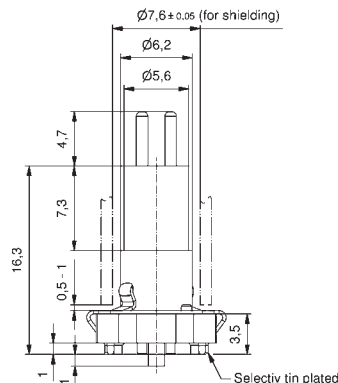
with shielding



Male connector



with shielding


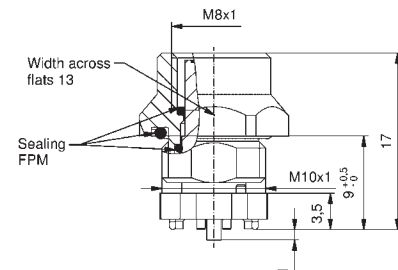


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.		
3		50 V AC / 60 V DC	4	SAL-8-1K3/SMT	Reel: 42-01213TR		
					In bulk: 42-01213		
					4	SAL-8-1K4/SMT	Reel: 42-01217TR
							In bulk: 42-01217
5	B	30 V AC/DC	3	SAL-8B-1K5/SMT	Reel: 42-01221TR		
					In bulk: 42-01221		
8	A	30 V AC/DC	2	SAL-8-1K8/SMT	Reel: 42-01225TR		
					In bulk: 42-01225		
3		50 V AC / 60 V DC	4	SAL-8S-1K3/SMT	Reel: 42-01215TR		
					In bulk: 42-01215		
					4	SAL-8S-1K4/SMT	Reel: 42-01219TR
							In bulk: 42-01219
5	B	30 V AC/DC	3	SAL-8BS-1K5/SMT	Reel: 42-01223TR		
					In bulk: 42-01223		
8	A	30 V AC/DC	2	SAL-8S-1K8/SMT	Reel: 42-01227TR		
					In bulk: 42-01227		
3		50 V AC / 60 V DC	4	SAL-8-1S3/SMT	Reel: 42-01214TR		
					In bulk: 42-01214		
					4	SAL-8-1S4/SMT	Reel: 42-01218TR
							In bulk: 42-01218
5	B	30 V AC/DC	3	SAL-8B-1S5.1/SMT	Reel: 42-01222TR		
					In bulk: 42-01222		
8	A	30 V AC/DC	2	SAL-8-1S8/SMT	Reel: 42-01226TR		
					In bulk: 42-01226		
3		50 V AC / 60 V DC	4	SAL-8S-1S3/SMT	Reel: 42-01216TR		
					In bulk: 42-01216		
					4	SAL-8S-1S4/SMT	Reel: 42-01220TR
							In bulk: 42-01220
5	B	30 V AC/DC	3	SAL-8BS-1S5.1/SMT	Reel: 42-01224TR		
					In bulk: 42-01224		
8	A	30 V AC/DC	2	SAL-8S-1S8/SMT	Reel: 42-01228TR		
					In bulk: 42-01228		


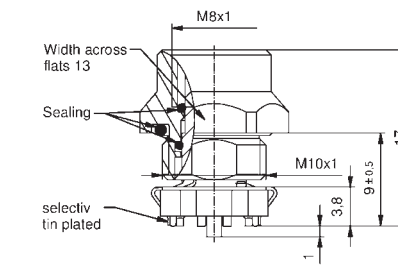
M8x1 SOCKETS SMT

Front panel mounting, installation height 9 mm


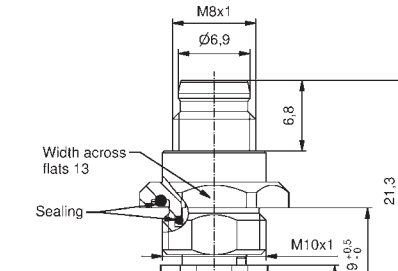
Female connector

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	3		50 V AC / 60 V DC	4	9	SAL-8-FK3-X9/ SMT	Reel: 42-01229TR In bulk: 42-01229
	4		50 V AC / 60 V DC	4	9	SAL-8-FK4-X9/ SMT	Reel: 42-01245TR In bulk: 42-01245
	5	B	30 V AC/DC	3	9	SAL-8B-FK5-X9/ SMT	Reel: 42-01261TR In bulk: 42-01261
	8	A	30 V AC/DC	2	9	SAL-8-FK8-X9/ SMT	Reel: 42-01277TR In bulk: 42-01277


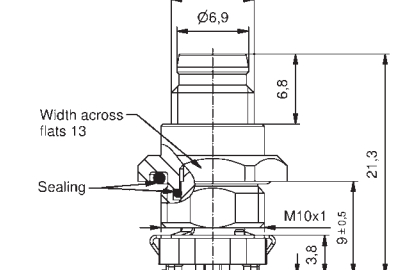
with shielding

 	3		50 V AC / 60 V DC	4	9	SAL-8S-FK3-X9/ SMT	Reel: 42-01233TR In bulk: 42-01233
	4		50 V AC / 60 V DC	4	9	SAL-8S-FK4-X9/ SMT	Reel: 42-01249TR In bulk: 42-01249
	5	B	30 V AC/DC	3	9	SAL-8BS-FK5-X9/ SMT	Reel: 42-01265TR In bulk: 42-01265
	8	A	30 V AC/DC	2	9	SAL-8S-FK8-X9/ SMT	Reel: 42-01281TR In bulk: 42-01281

Male connector

 	3		50 V AC / 60 V DC	4	9	SAL-8-FS3-X9/ SMT	Reel: 42-01237TR In bulk: 42-01237
	4		50 V AC / 60 V DC	4	9	SAL-8-FS4-X9/ SMT	Reel: 42-01253TR In bulk: 42-01253

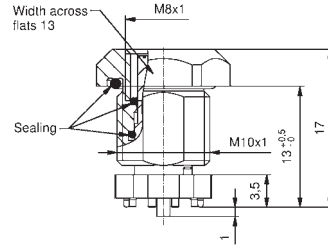
with shielding

 	3		50 V AC / 60 V DC	4	9	SAL-8S-FS3-X9/ SMT	Reel: 42-01241TR In bulk: 42-01241
	4		50 V AC / 60 V DC	4	9	SAL-8S-FS4-X9/ SMT	Reel: 42-01257TR In bulk: 42-01257

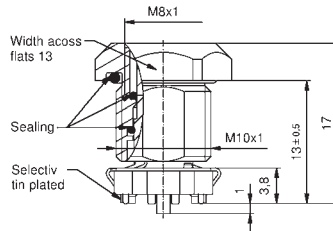
M8x1 SOCKETS SMT

Front panel mounting, installation height 13 mm

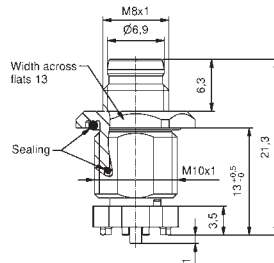
Female connector



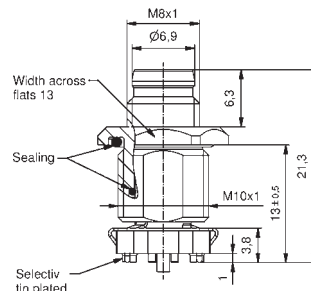
with shielding



Male connector



with shielding

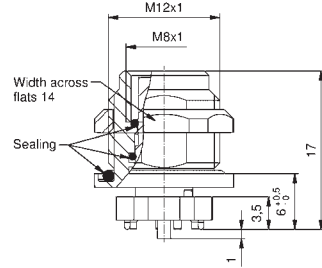


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	13	SAL-8-FK3-X13/ SMT	Reel: 42-01230TR In bulk: 42-01230
4		50 V AC / 60 V DC	4	13	SAL-8-FK4-X13/ SMT	Reel: 42-01246TR In bulk: 42-01246
5	B	30 V AC/DC	3	13	SAL-8B-FK5-X13/ SMT	Reel: 42-01262TR In bulk: 42-01262
8	A	30 V AC/DC	2	13	SAL-8-FK8-X13/ SMT	Reel: 42-01278TR In bulk: 42-01278
3		50 V AC / 60 V DC	4	13	SAL-8S-FK3-X13/ SMT	Reel: 42-01234TR In bulk: 42-01234
4		50 V AC / 60 V DC	4	13	SAL-8S-FK4-X13/ SMT	Reel: 42-01250TR In bulk: 42-01250
5	B	30 V AC/DC	3	13	SAL-8BS-FK5-X13/ SMT	Reel: 42-01266TR In bulk: 42-01266
8	A	30 V AC/DC	2	13	SAL-8S-FK8-X13/ SMT	Reel: 42-01282TR In bulk: 42-01282
3		50 V AC / 60 V DC	4	13	SAL-8-FS3-X13/ SMT	Reel: 42-01238TR In bulk: 42-01238
4		50 V AC / 60 V DC	4	13	SAL-8-FS4-X13/ SMT	Reel: 42-01254TR In bulk: 42-01254
3		50 V AC / 60 V DC	4	13	SAL-8S-FS3-X13/ SMT	Reel: 42-01242TR In bulk: 42-01242
4		50 V AC / 60 V DC	4	13	SAL-8S-FS4-X13/ SMT	Reel: 42-01258TR In bulk: 42-01258

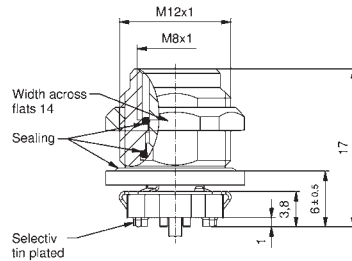
M8x1 SOCKETS SMT

Back panel mounting, installation height 6 mm

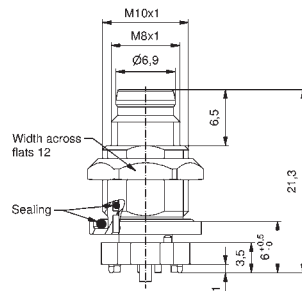
Female connector



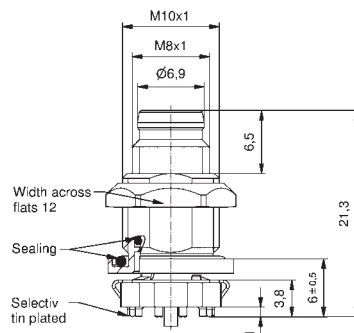
with shielding



Male connector



with shielding


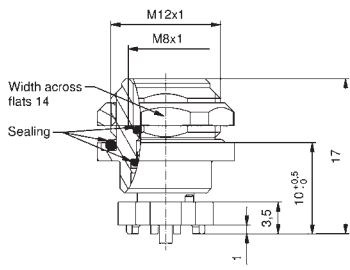


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	6	SAL-8-FKH3-X6/ SMT	Reel: 42-01231TR In bulk: 42-01231
4		50 V AC / 60 V DC	4	6	SAL-8-FKH4-X6/ SMT	Reel: 42-01247TR In bulk: 42-01247
5	B	30 V AC/DC	3	6	SAL-8B-FKH5-X6/ SMT	Reel: 42-01263TR In bulk: 42-01263
8	A	30 V AC/DC	2	6	SAL-8-FKH8-X6/ SMT	Reel: 42-01279TR In bulk: 42-01279
3		50 V AC / 60 V DC	4	6	SAL-8S-FKH3-X6/ SMT	Reel: 42-01235TR In bulk: 42-01235
4		50 V AC / 60 V DC	4	6	SAL-8S-FKH4-X6/ SMT	Reel: 42-01251TR In bulk: 42-01251
5	B	30 V AC/DC	3	6	SAL-8BS-FKH5-X6/ SMT	Reel: 42-01267TR In bulk: 42-01267
8	A	30 V AC/DC	2	6	SAL-8S-FKH8-X6/ SMT	Reel: 42-01283TR In bulk: 42-01283
3		50 V AC / 60 V DC	4	6	SAL-8-FSH3-X6/ SMT	Reel: 42-01239TR In bulk: 42-01239
4		50 V AC / 60 V DC	4	6	SAL-8-FSH4-X6/ SMT	Reel: 42-01255TR In bulk: 42-01255
3		50 V AC / 60 V DC	4	6	SAL-8S-FSH3-X6/ SMT	Reel: 42-01243TR In bulk: 42-01243
4		50 V AC / 60 V DC	4	6	SAL-8S-FSH4-X6/ SMT	Reel: 42-01259TR In bulk: 42-01259


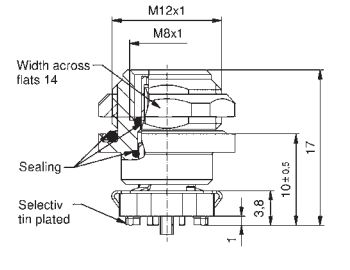
M8x1 SOCKETS SMT

Back panel mounting, installation height 10 mm


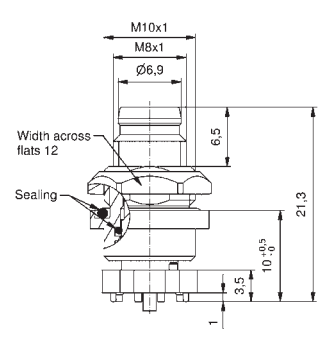
Female connector

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	3		50 V AC / 60 V DC	4	10	SAL-8-FKH3-X10/ SMT	Reel: 42-01232TR In bulk: 42-01232
	4		50 V AC / 60 V DC	4	10	SAL-8-FKH4-X10/ SMT	Reel: 42-01248TR In bulk: 42-01248
	5	B	30 V AC/DC	3	10	SAL-8B-FK5-X10/ SMT	Reel: 42-01264TR In bulk: 42-01264
	8	A	30 V AC/DC	2	10	SAL-8-FKH8-X10/ SMT	Reel: 42-01280TR In bulk: 42-01280


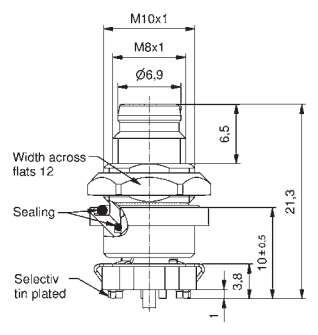
with shielding

 	3		50 V AC / 60 V DC	4	10	SAL-8S-FKH3-X10/ SMT	Reel: 42-01236TR In bulk: 42-01236
	4		50 V AC / 60 V DC	4	10	SAL-8S-FKH4-X10/ SMT	Reel: 42-01252TR In bulk: 42-01252
	5	B	30 V AC/DC	3	10	SAL-8BS-FKH5-X10/ SMT	Reel: 42-01268TR In bulk: 42-01268
	8	A	30 V AC/DC	2	10	SAL-8S-FKH8-X10/ SMT	Reel: 42-01284TR In bulk: 42-01284

Male connector

 	3		50 V AC / 60 V DC	4	10	SAL-8-FSH3-X10/ SMT	Reel: 42-01240TR In bulk: 42-01240
	4		50 V AC / 60 V DC	4	10	SAL-8-FSH4-X10/ SMT	Reel: 42-01256TR In bulk: 42-01256

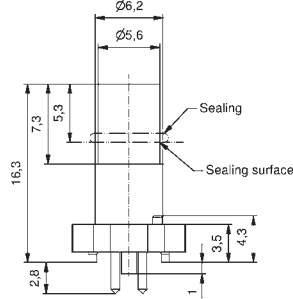
with shielding

 	3		50 V AC / 60 V DC	4	10	SAL-8S-FSH3-X10/ SMT	Reel: 42-01244TR In bulk: 42-01244
	4		50 V AC / 60 V DC	4	10	SAL-8S-FSH4-X10/ SMT	Reel: 42-01260TR In bulk: 42-01260

M8x1 SOCKETS THR

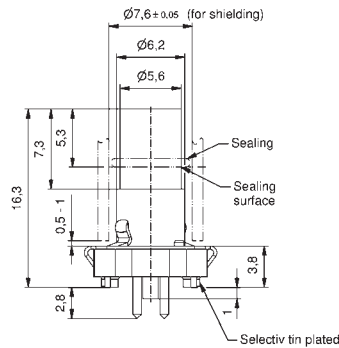
Insulation body

Female connector



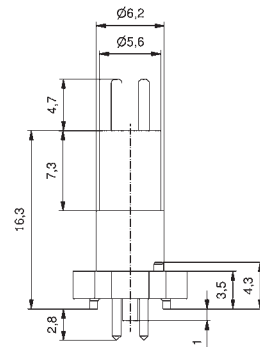
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
3		50 V AC / 60 V DC	4	SAL-8-1K3/THR	Reel: 42-01389TR In bulk: 42-01389
4		50 V AC / 60 V DC	4	SAL-8-1K4/THR	Reel: 42-01393TR In bulk: 42-01393
5	B	30 V AC/DC	3	SAL-8B-1K5/THR	Reel: 42-01397TR In bulk: 42-01397
8	A	30 V AC/DC	2	SAL-8-1K8/THR	Reel: 42-01401TR In bulk: 42-01401

with shielding



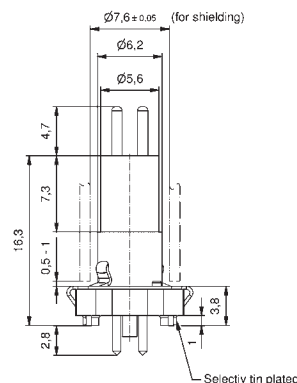
3		50 V AC / 60 V DC	4	SAL-8S-1K3/THR	Reel: 42-01391TR In bulk: 42-01391
4		50 V AC / 60 V DC	4	SAL-8S-1K4/THR	Reel: 42-01395TR In bulk: 42-01395
5	B	30 V AC/DC	3	SAL-8BS-1K5/THR	Reel: 42-01399TR In bulk: 42-01399
8	A	30 V AC/DC	2	SAL-8S-1K8/THR	Reel: 42-01403TR In bulk: 42-01403

Male connector



3		50 V AC / 60 V DC	4	SAL-8-IS3/THR	Reel: 42-01390TR In bulk: 42-01390
4		50 V AC / 60 V DC	4	SAL-8-IS4/THR	Reel: 42-01394TR In bulk: 42-01394
5	B	30 V AC/DC	3	SAL-8B-IS5.1/THR	Reel: 42-01398TR In bulk: 42-01398
8	A	30 V AC/DC	2	SAL-8-IS8/THR	Reel: 42-01402TR In bulk: 42-01402

with shielding


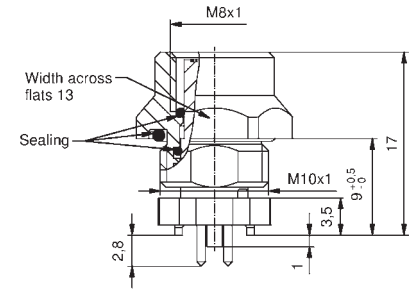


3		50 V AC / 60 V DC	4	SAL-8S-IS3/THR	Reel: 42-01392TR In bulk: 42-01392
4		50 V AC / 60 V DC	4	SAL-8S-IS4/THR	Reel: 42-01396TR In bulk: 42-01396
5	B	30 V AC/DC	3	SAL-8BS-IS5.1/THR	Reel: 42-01400TR In bulk: 42-01400
8	A	30 V AC/DC	2	SAL-8S-IS8/THR	Reel: 42-01404TR In bulk: 42-01404


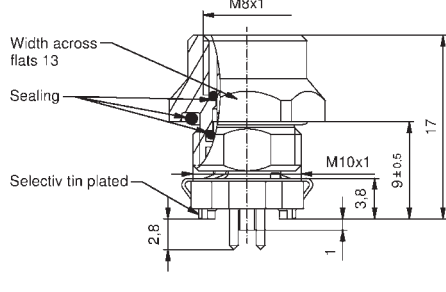
M8x1 SOCKETS THR

Front panel mounting, installation height 9 mm


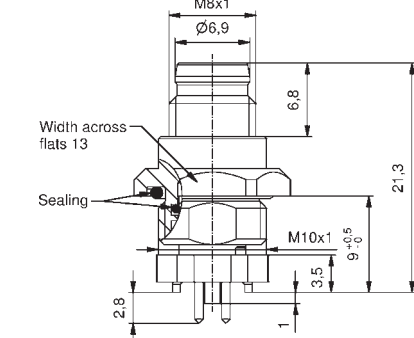
Female connector

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	3		50 V AC / 60 V DC	4	9	SAL-8-FK3-X9/ THR	Reel: 42-01293TR In bulk: 42-01293
	4		50 V AC / 60 V DC	4	9	SAL-8-FK4-X9/ THR	Reel: 42-01309TR In bulk: 42-01309
	5	B	30 V AC/DC	3	9	SAL-8B-FK5-X9/ THR	Reel: 42-01325TR In bulk: 42-01325
	8	A	30 V AC/DC	2	9	SAL-8-FK8-X9/ THR	Reel: 42-01341TR In bulk: 42-01341


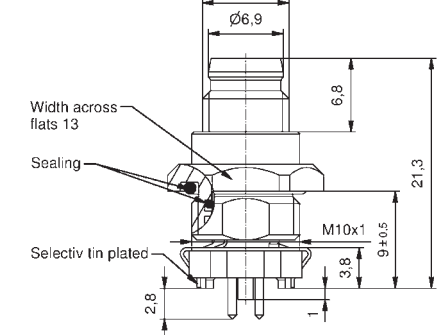
with shielding

 	3		50 V AC / 60 V DC	4	9	SAL-8S-FK3-X9/ THR	Reel: 42-01297TR In bulk: 42-01297
	4		50 V AC / 60 V DC	4	9	SAL-8S-FK4-X9/ THR	Reel: 42-01313TR In bulk: 42-01313
	5	B	30 V AC/DC	3	9	SAL-8BS-FK5-X9/ THR	Reel: 42-01329TR In bulk: 42-01329
	8	A	30 V AC/DC	2	9	SAL-8S-FK8-X9/ THR	Reel: 42-01345TR In bulk: 42-01345

Male connector

 	3		50 V AC / 60 V DC	4	9	SAL-8-FS3-X9/ THR	Reel: 42-01301TR In bulk: 42-01301
	4		50 V AC / 60 V DC	4	9	SAL-8-FS4-X9/ THR	Reel: 42-01317TR In bulk: 42-01317

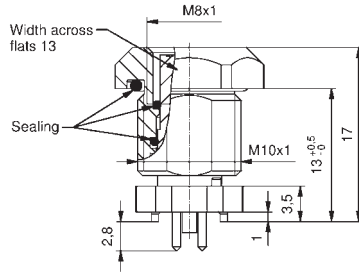
with shielding

 	3		50 V AC / 60 V DC	4	9	SAL-8S-FS3-X9/ THR	Reel: 42-01305TR In bulk: 42-01305
	4		50 V AC / 60 V DC	4	9	SAL-8S-FS4-X9/ THR	Reel: 42-01321TR In bulk: 42-01321

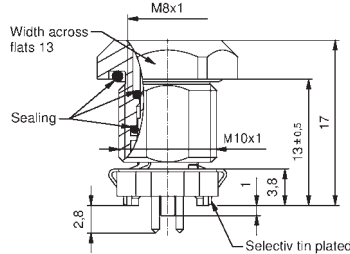
M8x1 SOCKETS THR

Front panel mounting, installation height 13 mm

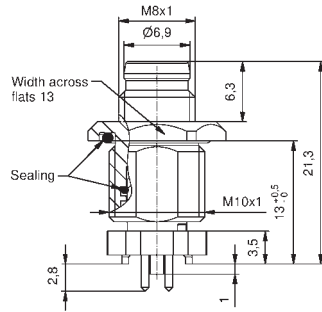
Female connector



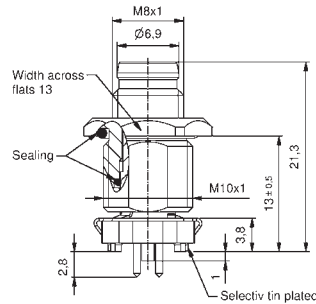
with shielding



Male connector



with shielding


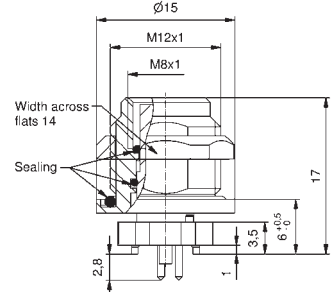


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	13	SAL-8-FK3-X13/ THR	Reel: 42-01294TR In bulk: 42-01294
4		50 V AC / 60 V DC	4	13	SAL-8-FK4-X13/ THR	Reel: 42-01310TR In bulk: 42-01310
5	B	30 V AC/DC	3	13	SAL-8B-FK5-X13/ THR	Reel: 42-01326TR In bulk: 42-01326
8	A	30 V AC/DC	2	13	SAL-8-FK8-X13/ THR	Reel: 42-01342TR In bulk: 42-01342
3		50 V AC / 60 V DC	4	13	SAL-8S-FK3-X13/ THR	Reel: 42-01298TR In bulk: 42-01298
4		50 V AC / 60 V DC	4	13	SAL-8S-FK4-X13/ THR	Reel: 42-01314TR In bulk: 42-01314
5	B	30 V AC/DC	3	13	SAL-8BS-FK5-X13/ THR	Reel: 42-01330TR In bulk: 42-01330
8	A	30 V AC/DC	2	13	SAL-8S-FK8-X13/ THR	Reel: 42-01346TR In bulk: 42-01346
3		50 V AC / 60 V DC	4	13	SAL-8-FS3-X13/ THR	Reel: 42-01302TR In bulk: 42-01302
4		50 V AC / 60 V DC	4	13	SAL-8-FS4-X13/ THR	Reel: 42-01318TR In bulk: 42-01318
3		50 V AC / 60 V DC	4	13	SAL-8S-FS3-X13/ THR	Reel: 42-01306TR In bulk: 42-01306
4		50 V AC / 60 V DC	4	13	SAL-8S-FS4-X13/ THR	Reel: 42-01322TR In bulk: 42-01322


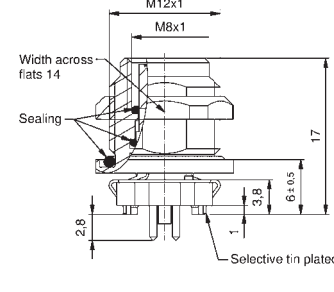
M8x1 SOCKETS THR

Back panel mounting, installation height 6 mm


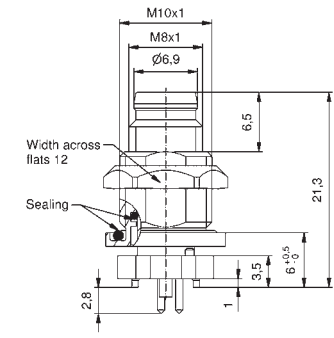
Female connector

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	3		50 V AC / 60 V DC	4	6	SAL-8-FKH3-X6/ THR	Reel: 42-01295TR In bulk: 42-01295
	4		50 V AC / 60 V DC	4	6	SAL-8-FKH4-X6/ THR	Reel: 42-01311TR In bulk: 42-01311
	5	B	30 V AC/DC	3	6	SAL-8B-FKH5-X6/ THR	Reel: 42-01327TR In bulk: 42-01327
	8	A	30 V AC/DC	2	6	SAL-8-FKH8-X6/ THR	Reel: 42-01343TR In bulk: 42-01343


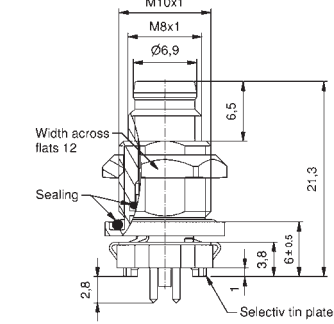
with shielding

 	3		50 V AC / 60 V DC	4	6	SAL-8S-FKH3-X6/ THR	Reel: 42-01299TR In bulk: 42-01299
	4		50 V AC / 60 V DC	4	6	SAL-8S-FKH4-X6/ THR	Reel: 42-01315TR In bulk: 42-01315
	5	B	30 V AC/DC	3	6	SAL-8BS-FKH5-X6/ THR	Reel: 42-01331TR In bulk: 42-01331
	8	A	30 V AC/DC	2	6	SAL-8S-FKH8-X6/ THR	Reel: 42-01347TR In bulk: 42-01347

Male connector

 	3		50 V AC / 60 V DC	4	6	SAL-8-FSH3-X6/ THR	Reel: 42-01303TR In bulk: 42-01303
	4		50 V AC / 60 V DC	4	6	SAL-8-FSH4-X6/ THR	Reel: 42-01319TR In bulk: 42-01319

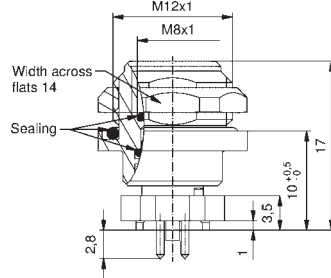
with shielding

 	3		50 V AC / 60 V DC	4	6	SAL-8S-FSH3-X6/ THR	Reel: 42-01307TR In bulk: 42-01307
	4		50 V AC / 60 V DC	4	6	SAL-8S-FSH4-X6/ THR	Reel: 42-01323TR In bulk: 42-01323

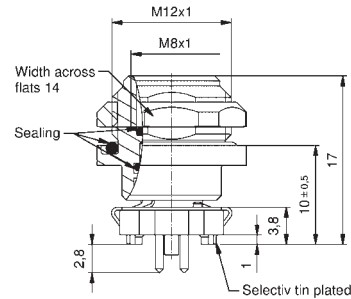
M8x1 EINBAUFLANSCH THR

Back panel mounting, installation height 10 mm

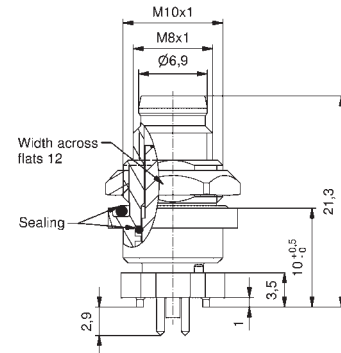
Female connector



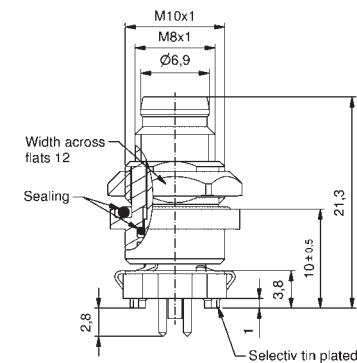
with shielding



Male connector



with shielding


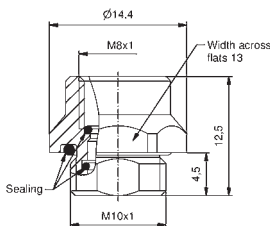

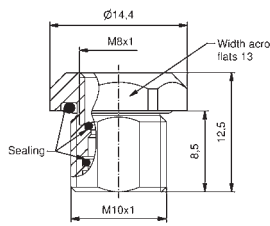

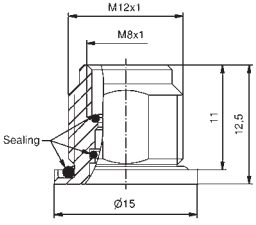

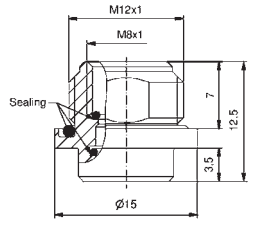


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	10	SAL-8-FKH3-X10/ THR	Reel: 42-01296TR In bulk: 42-01296
4		50 V AC / 60 V DC	4	10	SAL-8-FKH4-X10/ THR	Reel: 42-01312TR In bulk: 42-01312
5	B	30 V AC/DC	3	10	SAL-8B-FKH5-X10/ THR	Reel: 42-01328TR In bulk: 42-01328
8	A	30 V AC/DC	2	10	SAL-8-FKH8-X10/ THR	Reel: 42-01344TR In bulk: 42-01344
3		50 V AC / 60 V DC	4	10	SAL-8S-FKH3-X10/ THR	Reel: 42-01300TR In bulk: 42-01300
4		50 V AC / 60 V DC	4	10	SAL-8S-FKH4-X10/ THR	Reel: 42-01316TR In bulk: 42-01316
5	B	30 V AC/DC	3	10	SAL-8BS-KH5-X10/ THR	Reel: 42-01332TR In bulk: 42-01332
8	A	30 V AC/DC	2	10	SAL-8S-FKH8-X10/ THR	Reel: 42-01348TR In bulk: 42-01348
3		50 V AC / 60 V DC	4	10	SAL-8-FSH3-X10/ THR	Reel: 42-01304TR In bulk: 42-01304
4		50 V AC / 60 V DC	4	10	SAL-8-FSH4-X10/ THR	Reel: 42-01320TR In bulk: 42-01320
3		50 V AC / 60 V DC	4	10	SAL-8S-FSH3-X10/ THR	Reel: 42-01308TR In bulk: 42-01308
4		50 V AC / 60 V DC	4	10	SAL-8S-FSH4-X10/ THR	Reel: 42-01324TR In bulk: 42-01324

M8x1 SOCKETS SMT/THR


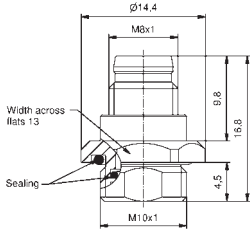

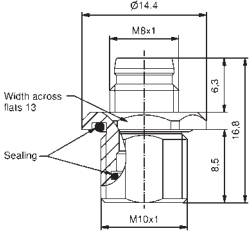

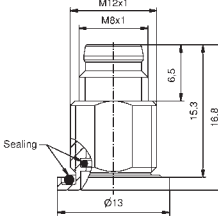

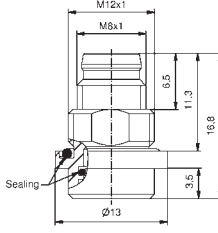

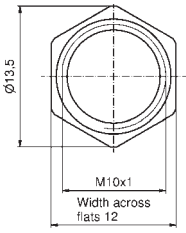

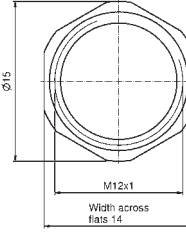
Installation components

Socket housing female

		Front panel mounting	Back panel mounting	Size	Width across flats	Installation height [mm]	Description	Part No.
		✓		M10x1	13	9		42-01481
		✓		M10x1	13	13		42-01482
			✓	M12x1		6		42-01483
		✓		M12x1		10		42-01484

M8x1 SOCKETS SMT/THR

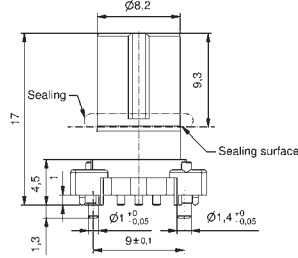
Installation components

Socket housing male		Front panel mounting	Back panel mounting	Size	Width across flats	Installation height [mm]	Description	Part No.
		✓		M10x1	13	9		42-01485
		✓		M10x1	13	13		42-01486
			✓	M10x1		6		42-01487
		✓		M10x1		10		42-01488
Hex nut								
				M10x1	12			42-01508
				M12x1	14			43-01716

M12x1 SOCKETS SMT

Insulation body

Female connector



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

4

A

250

4

SAL-12-1K4-X9/
SMT

Reel:
43-01848TR
In bulk:
43-01848

5

A

60

4

SAL-12-1K5-X9/
SMT

Reel:
43-01849TR
In bulk:
43-01849

8

A

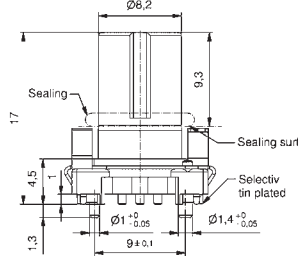
30

2

SAL-12-1K8-X9/
SMT

Reel:
43-01965TR
In bulk:
43-01965

with shielding



4

A

250

4

SAL-12S-1K4-X9/
SMT

Reel:
43-01850TR
In bulk:
43-01850

5

A

60

4

SAL-12S-1K5-X9/
SMT

Reel:
43-01851TR
In bulk:
43-01851

8

A

30

2

SAL-12S-1K8-X9/
SMT

Reel:
43-02115TR
In bulk:
43-02115

4

B

30

4

SAL-12B-1K4-X9/
SMT

Reel:
43-02032TR
In bulk:
43-02032

5

B

60

4

SAL-12B-1K5-X9/
SMT

Reel:
43-02033TR
In bulk:
43-02033

4

D

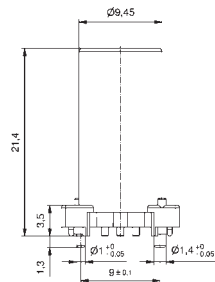
250

4

SAL-12D-1K4-X9/
SMT

Reel:
43-02034TR
In bulk:
43-02034

Male connector



4

A

250

4

SAL-12-IS4-X9/
SMT

Reel:
43-02026TR
In bulk:
43-02026

5

A

60

4

SAL-12-IS5-X9/
SMT

Reel:
43-02027TR
In bulk:
43-02027

8

A

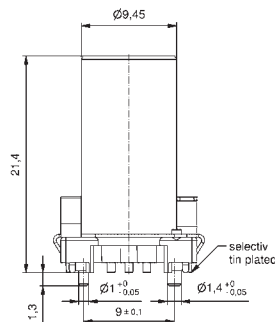
30

2

SAL-12-IS8-X9/
SMT

Reel:
43-02028TR
In bulk:
43-02028

with shielding



4

A

250

4

SAL-12S-IS4-X9/
SMT

Reel:
43-02118TR
In bulk:
43-02118

5

A

60

4

SAL-12S-IS5-X9/
SMT

Reel:
43-02119TR
In bulk:
43-02119

8

A

30

2

SAL-12S-IS8-X9/
SMT

Reel:
43-02120TR
In bulk:
43-02120

4

B

30

4

SAL-12B-IS4-X9/
SMT

Reel:
43-02030TR
In bulk:
43-02030

5

B

60

4

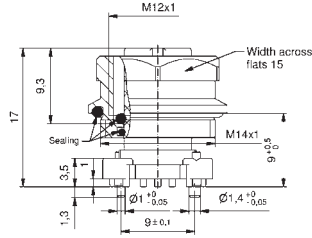
SAL-12B-IS5-X9/
SMT

Reel:
43-02031TR
In bulk:
43-02031

M12x1 SOCKETS SMT

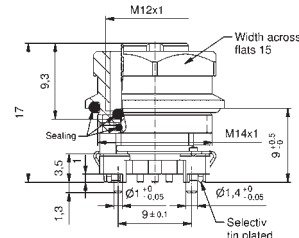
Front panel mounting, installation height 9 mm

Female connector



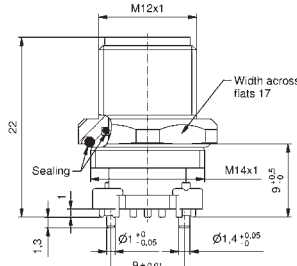
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	9	SAL-12-FK4-X9/14/SMT	Reel: 43-01852TR In bulk: 43-01852
5	A	60	4	9	SAL-12-FK5-X9/14/SMT	Reel: 43-01853TR In bulk: 43-01853
8	A	30	2	9	SAL-12-FK8-X9/14/SMT	Reel: 43-02116TR In bulk: 43-02116

with shielding



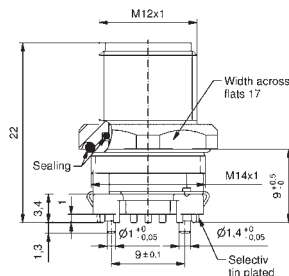
4	A	250	4	9	SAL-12S-FK4-X9/14/SMT	Reel: 43-01854TR In bulk: 43-01854
5	A	60	4	9	SAL-12S-FK5-X9/14/SMT	Reel: 43-01855TR In bulk: 43-01855
8	A	30	2	9	SAL-12S-FK8-X9/14/SMT	Reel: 43-02117TR In bulk: 43-02117

Male connector



4	A	250	4	9	SAL-12-FS4-X9/14/SMT	Reel: 43-02109TR In bulk: 43-02109
5	A	60	4	9	SAL-12-FS5-X9/14/SMT	Reel: 43-02110TR In bulk: 43-02110
8	A	30	2	9	SAL-12-FS8-X9/14/SMT	Reel: 43-02111TR In bulk: 43-02111

with shielding

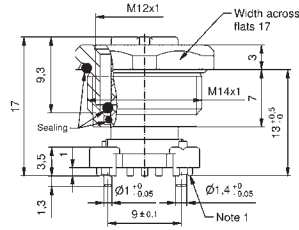


4	A	250	4	9	SAL-12S-FS4-X9/14/SMT	Reel: 43-02112TR In bulk: 43-02112
5	A	60	4	9	SAL-12S-FS5-X9/14/SMT	Reel: 43-02113TR In bulk: 43-02113
8	A	30	2	9	SAL-12S-FS8-X9/14/SMT	Reel: 43-02114TR In bulk: 43-02114

M12x1 SOCKETS SMT

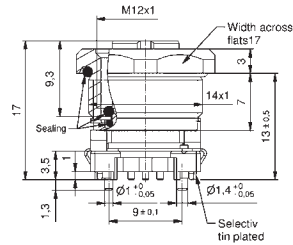
Front panel mounting, installation height 13 mm

Female connector



	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
Female connector	4	A	250	4	13	SAL-12-FK4-X13/ 14/SMT	Reel: 43-02103TR In bulk: 43-02103
	5	A	60	4	13	SAL-12-FK5-X13/ 14/SMT	Reel: 43-02104TR In bulk: 43-02104
	8	A	30	2	13	SAL-12-FK8-X13/ 14/SMT	Reel: 43-02105TR In bulk: 43-02105
with shielding	4	A	250	4	13	SAL-12S-FK4-X13/ 14/SMT	Reel: 43-02106TR In bulk: 43-02106
	5	A	60	4	13	SAL-12S-FK5-X13/ 14/SMT	Reel: 43-02107TR In bulk: 43-02107
	8	A	30	2	13	SAL-12S-FK8-X13/ 14/SMT	Reel: 43-02108TR In bulk: 43-02108

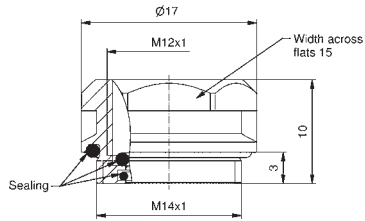
with shielding



M12x1 SOCKETS SMT

Installation components

Socket housing female



Front panel mounting

Size

Width across flats

Installation height [mm]

Description

Part No.

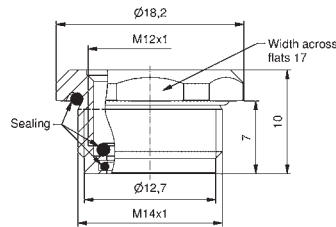
✓

M14x1

15

9

43-02129



✓

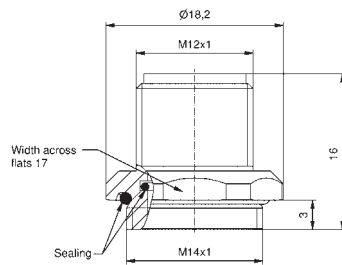
M14x1

17

13

43-02130

Socket housing male



✓

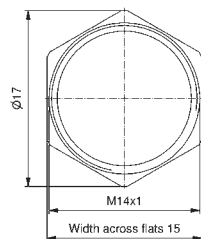
M14x1

17

9

43-02131

Hex nut



15

43-02132

SECTION 5

PANEL PLUGS MALE/FEMALE





SAL M8x1/M12x1 PANEL PLUG MALE/FEMALE

Nomenclature

S A L - 8 - E S T V M 3 - P

SAL
Sensor Actor Line

Installation size
8 = M8x1/∅ 8 mm
12 = M12x1

Coding
= A-coding
S = A-coding shielded

Design
E = Panel Plug

Gender
K = Female connector
S = Male connector

Contact carrier
= Standard
T = Transparent

Type
P = Plastic M8x1
M = Metal/plastic M8x1
VM = Metal M8x1
O = with O-ring M12x1

Number of poles
3 = 3-pos.
4 = 4-pos.
5.1 = 5-pos.
8 = 8-pos.

Type of connection/Installation height
L = Solder cup
P = Dip solder
P3,3 = Dip solder 3.3 mm
Pxx = Installation height one-piece socket

SAL M8x1 / M12x1 PANEL PLUG MALE / FEMALE

Product specification

Material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA GF, UL 94 / PA 12 transparent, UL
Sealing	FPM
Socket housing	CuZn, nickel plated
Shielding	CuZn, nickel plated


Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 / IEC 61076-2-104
Current rating	IEC 61076-2-101 / IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

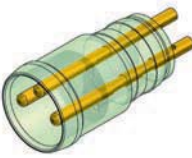
M8x1 PANEL PLUG MALE

Plastic, Solder termination

Male connector, snap-in, plastic dark grey


	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESP3-L	42-01004
	4		50 V AC / 60 V DC	3	SAL-8-ESP4-L	42-01006

Male connector, snap-in, plastic transparent


	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTP3-L	42-01005
	4		50 V AC / 60 V DC	3	SAL-8-ESTP4-L	42-01007

Metal, Solder termination

Male connector, snap-in, metal/plastic transparent

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTM3-L	42-01002
	4		50 V AC / 60 V DC	3	SAL-8-ESTM4-L	42-01003


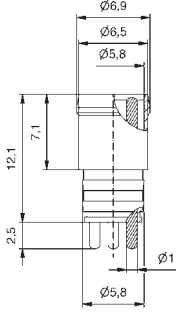
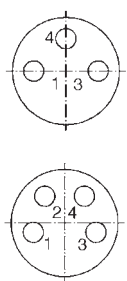
Male connector, screwable/snap-in, metal

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTVM3-L	42-01008
	4		50 V AC / 60 V DC	3	SAL-8-ESTVM4-L	42-01009


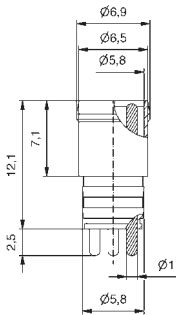
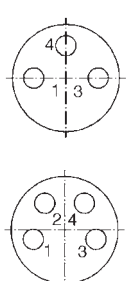
M8x1 PANEL PLUG MALE

Plastic, Dip solder termination

Male connector, snap-in, plastic dark grey

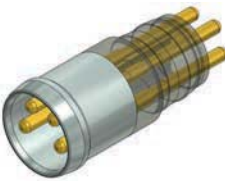
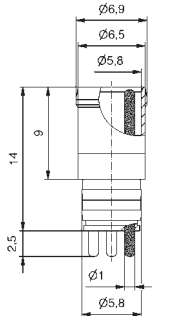
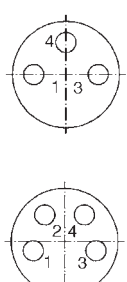
		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.	
			3		50 V AC / 60 V DC	3	SAL-8-ESP3-P	42-01012
			4		50 V AC / 60 V DC	3	SAL-8-ESP4-P	42-01014

Male connector, snap-in, plastic transparent


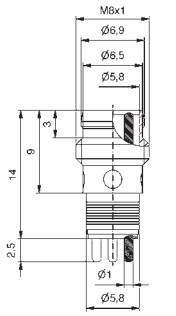
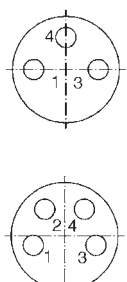
			3		50 V AC / 60 V DC	3	SAL-8-ESTP3-P	42-01013
			4		50 V AC / 60 V DC	3	SAL-8-ESTP4-P	42-01015

Metal, Dip solder termination

Male connector, snap-in, metal/plastic transparent

			3		50 V AC / 60 V DC	3	SAL-8-ESTM3-P	42-01010
			4		50 V AC / 60 V DC	3	SAL-8-ESTM4-P	42-01011

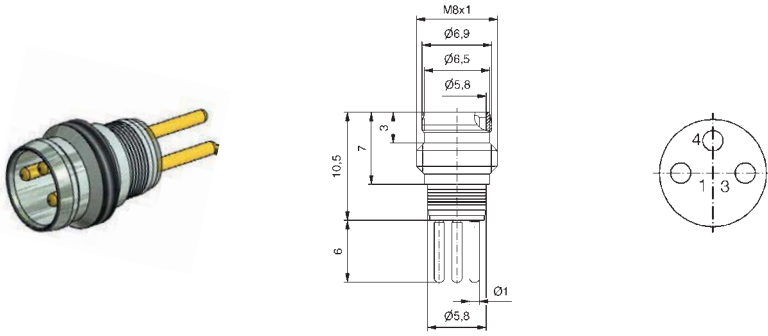
Male connector, screwable/snap-in, metal

			3		50 V AC / 60 V DC	3	SAL-8-ESTVM3-P	42-01016
			4		50 V AC / 60 V DC	3	SAL-8-ESTVM4-P	42-01017

M8x1 PANEL PLUG MALE/FEMALE

Panel plug male, Dip solder termination

Male connector, short version, screwable/snap-in, metal



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

3

50 V AC/ 60 V DC

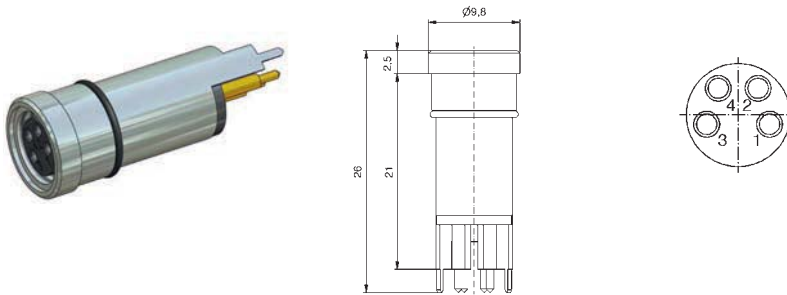
3

SAL-8-ESTVM3-P6

42-01099

Panel plug female, Dip solder termination

Female connector, axial, shielded, metal



4

30

3

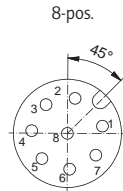
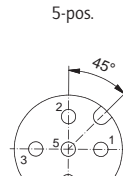
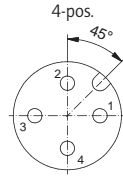
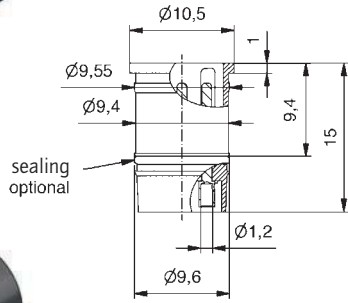
SAL-8S-EKVM4-P

42-01038

M12x1 PANEL PLUG MALE

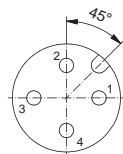
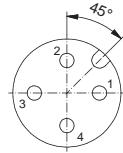
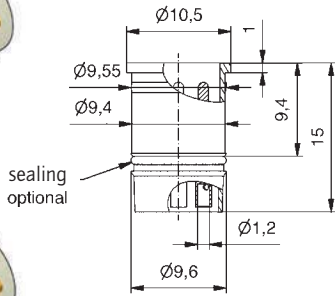
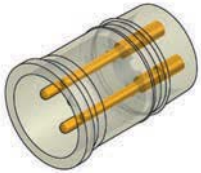
Plastic, Solder termination

Male connector, plastic black



Number of poles	Coding	Rated voltage [V]	Current rating [A]	O-ring	Description	Part No.
4	A	250	4		SAL-12-ES4-L	43-01336
5	A	60	4		SAL-12-ES5.1-L	43-01337
8	A	30	2		SAL-12-ES8-L	43-01637
4	A	250	4	✓	SAL-12-ES04-L	43-01338
5	A	60	4	✓	SAL-12-ES05.1-L	43-01339
8	A	30	2	✓	SAL-12-ES08-L	43-01638

Male connector, with gap for LED, plastic transparent

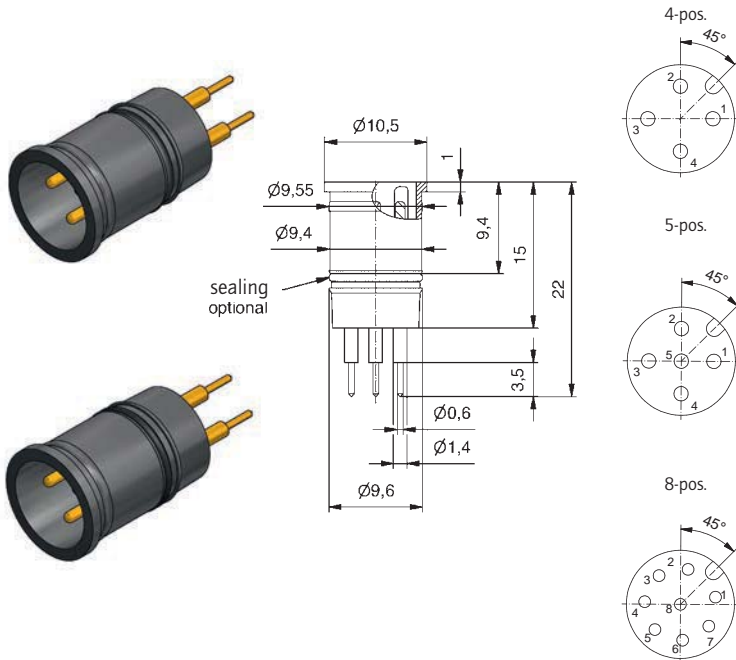


4	A	250	4		SAL-12-EST4-L	43-01682
4	A	250	4	✓	SAL-12-EST04-L	43-01340

M12x1 PANEL PLUG MALE

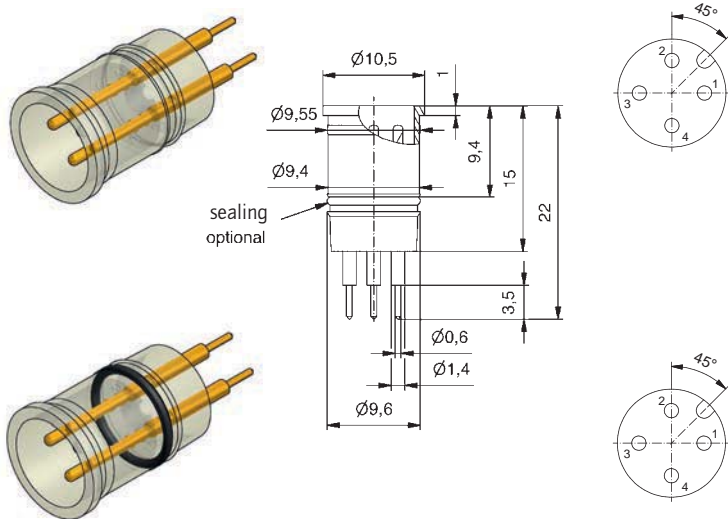
Plastic, Dip solder termination

Male connector, plastic black

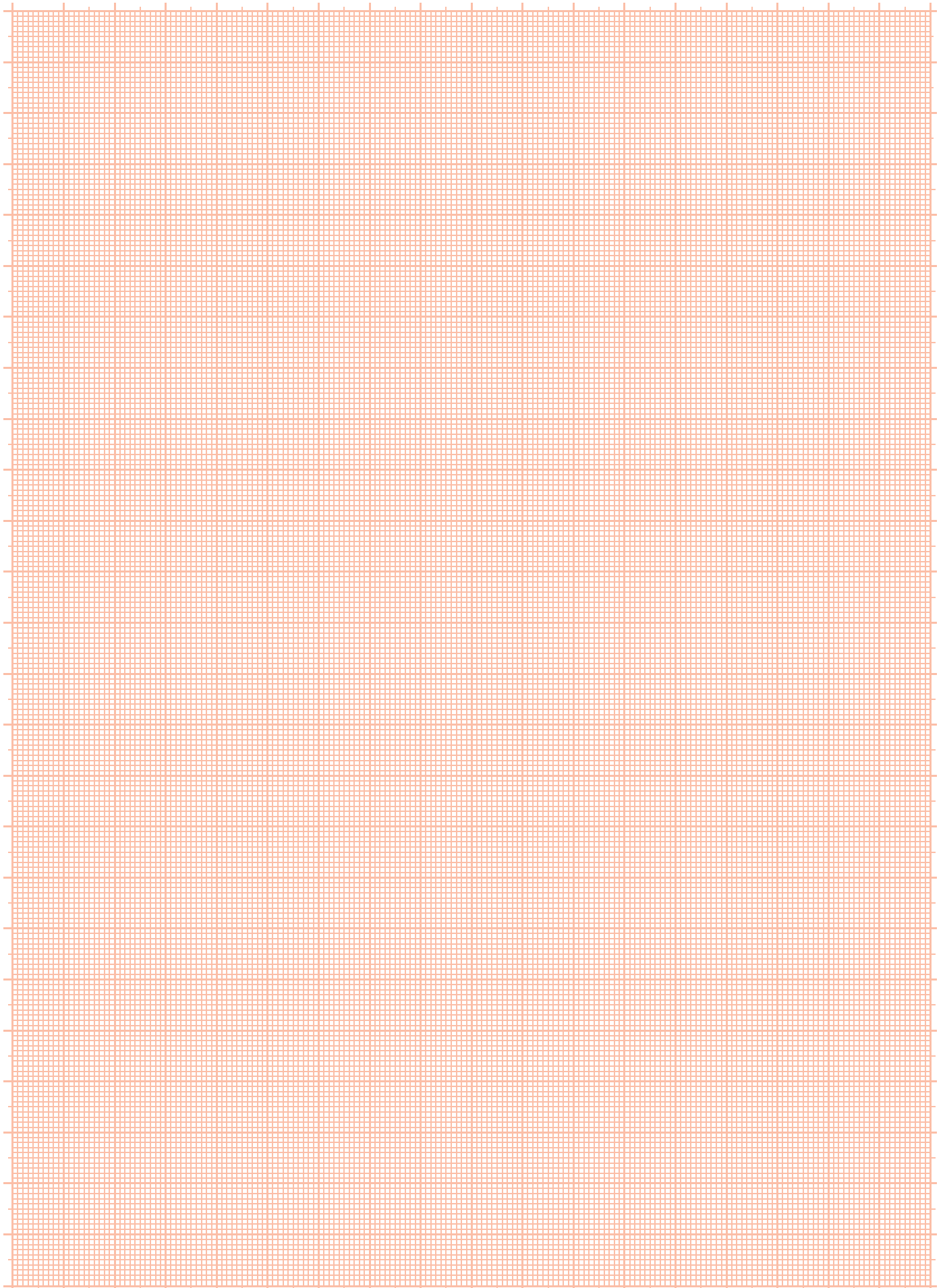


Number of poles	Coding	Rated voltage [V]	Current rating [A]	O-ring	Description	Part No.
4	A	250	4		SAL-12-ES4-P	43-01683
5	A	60	4		SAL-12-ES5.1-P	43-01688
8	A	30	2		SAL-12-ES8-P	43-01635
4	A	250	4	✓	SAL-12-ES04-P	43-01699
5	A	60	4	✓	SAL-12-ES05.1-P	43-01700
8	A	30	2	✓	SAL-12-ES08-P	43-01701

Male connector, with gap for LED, plastic transparent

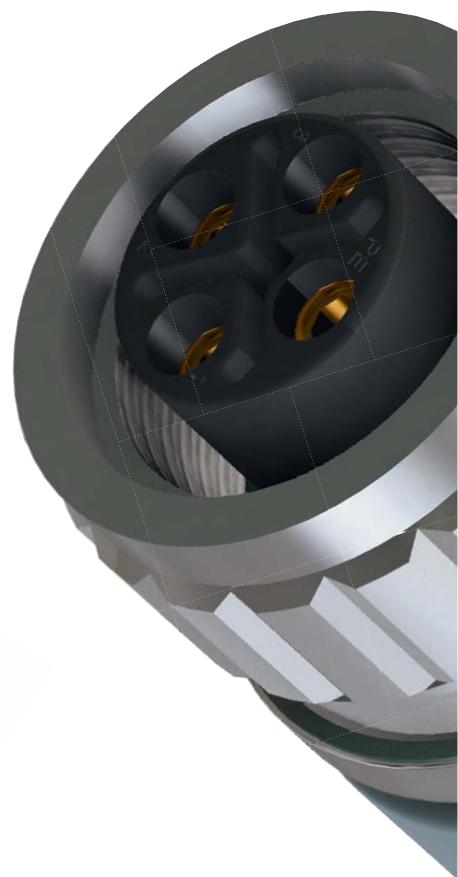


4	A	250	4		SAL-12-EST4-P	43-01636
4	A	250	4	✓	SAL-12-EST04-P	43-01681



SECTION 6

POWER CONNECTORS





SAL M12x1 POWER CONNECTORS OVERMOULDED

Nomenclature

S A L - 1 2 T - R K 4 - 3 / A 2

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
SC = S-coding, shielded
T = T-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial

Number of poles
3 = 3-pos.
4 = 4-pos.
2PE = 2-pos. + PE
3PE = 3-pos. + PE

Cable length
XX = Length [m]

Cable quality
A2 = PVC, black
K1 = TPU, black, highflexible, halogenfree, UL
GOA = PVC, shielded, orange, UL
GOB = TPU, shielded, orange, UL

SAL M12x1 POWER CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL94
Overmould	TPU, UL94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni
Shield sleeve	CuZn, Ni

Technical Data	Norm
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Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-111
Current rating	IEC 61076-2-111
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9A

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 POWER SOCKETS

Nomenclature

S A L - 1 2 T - F K 4 - 0,5

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
SC = S-coding
T = T-coding

Design
F = Socket connector

Gender
K = Female connector
S = Male connector

Mounting
= Front panel mounting
H = Back panel mounting
VO = Square flange with sealing

Number of poles
3 = 3-pos.
4 = 4-pos.
2PE = 2-pos. + PE
3PE = 3-pos. + PE

Type of termination
XX = Wire length [m]

SAL M12x1 POWER SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL94
Sealing	FPM
Socket housing	CuZn, Ni
Counter nut	CuZn, Ni
Sealing compound	Polyurethan-Harz, UL94

Technical Data	Norm
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-111
Current rating	IEC 61076-2-111
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9A

Recommended torque: 0.6 Nm

Technical subject to change without notice.

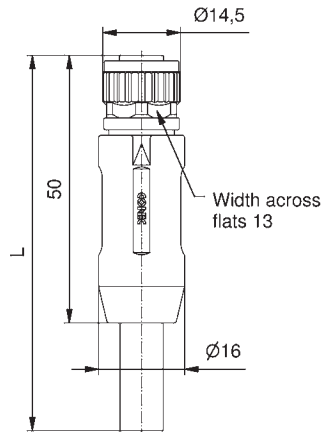
M12x1 POWER CONNECTORS OVERMOULDED T-coding

Female connector axial

PVC, black, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	T	63	12	1,5	2	SAL-12T-RK3-2/A2	43-19044
					3	SAL-12T-RK3-3/A2	43-19045
					5	SAL-12T-RK3-5/A2	43-19046
					10	SAL-12T-RK3-10/A2	43-19047
4	T	63	12	1,5	2	SAL-12T-RK4-2/A2	43-17132
					3	SAL-12T-RK4-3/A2	43-17133
					5	SAL-12T-RK4-5/A2	43-17134
					10	SAL-12T-RK4-10/A2	43-17135

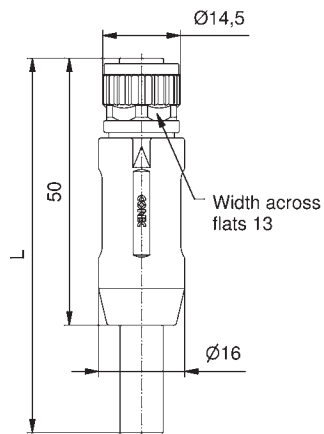


Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

TPU, black, Li9Y11Y

3	T	63	12	1,5	2	SAL-12T-RK3-2/K1	43-19083
					3	SAL-12T-RK3-3/K1	43-19084
					5	SAL-12T-RK3-5/K1	43-19085
					10	SAL-12T-RK3-10/K1	43-19086
4	T	63	12	1,5	2	SAL-12T-RK4-2/K1	43-17582
					3	SAL-12T-RK4-3/K1	43-17922
					5	SAL-12T-RK4-5/K1	43-17923
					10	SAL-12T-RK4-10/K1	43-17924



Pin 1 ■
Pin 3 ■
Pin 4 ■

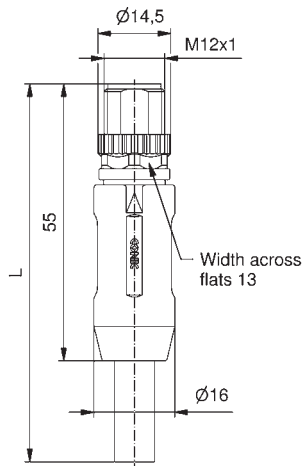
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

M12x1 POWER CONNECTORS OVERMOULDED T-coding

Male connector axial

PVC, black, LiYY

Contact assignment

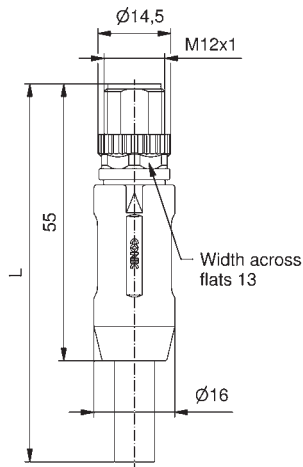


- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	T	63	12	1,5	2	SAL-12T-RS3-2/A2	43-19048
					3	SAL-12T-RS3-3/A2	43-19049
					5	SAL-12T-RS3-5/A2	43-19050
					10	SAL-12T-RS3-10/A2	43-19051
4	T	63	12	1,5	2	SAL-12T-RS4-2/A2	43-17140
					3	SAL-12T-RS4-3/A2	43-17141
					5	SAL-12T-RS4-5/A2	43-17142
					10	SAL-12T-RS4-10/A2	43-17143

TPU, black, Li9Y11Y



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

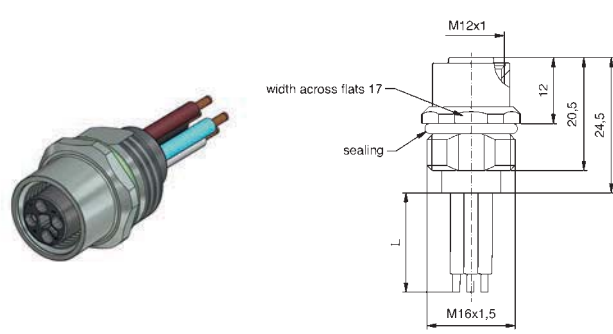
3	T	63	12	1,5	2	SAL-12T-RS3-2/K1	43-19087
					3	SAL-12T-RS3-3/K1	43-19088
					5	SAL-12T-RS3-5/K1	43-19089
					10	SAL-12T-RS3-10/K1	43-19090
4	T	63	12	1,5	2	SAL-12T-RS4-2/K1	43-17581
					3	SAL-12T-RS4-3/K1	43-17930
					5	SAL-12T-RS4-5/K1	43-17931
					10	SAL-12T-RS4-10/K1	43-17932

M12x1 POWER SOCKETS

T-coding

Front panel mounting, wire termination

Female connector M16x1,5 thread



Contact assignment

- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

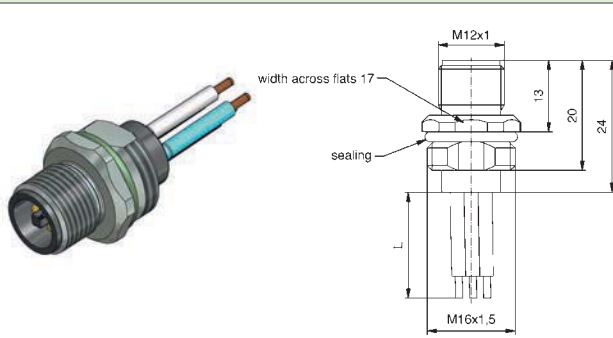
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
3	T	63	12	PVC	16	0,5
4	T	63	12	PVC	16	0,5

Description

SAL-12T-FK3-0,5 43-02412

SAL-12T-FK4-0,5 43-02393

Male connector M16x1,5 thread



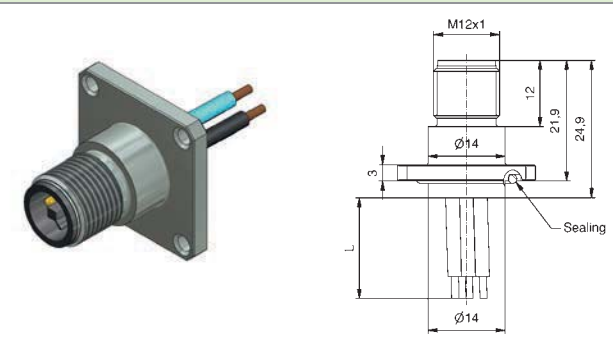
- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

3	T	63	12	PVC	16	0,5
4	T	63	12	PVC	16	0,5

SAL-12T-FS3-0,5 43-02413

SAL-12T-FS4-0,5 43-02395

Male connector square flange 26 mm



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

3	T	63	12	PVC	16	0,5
4	T	63	12	PVC	16	0,5

SAL-12T-FSV03-0,5 43-02498

SAL-12T-FSV04-0,5 43-02499

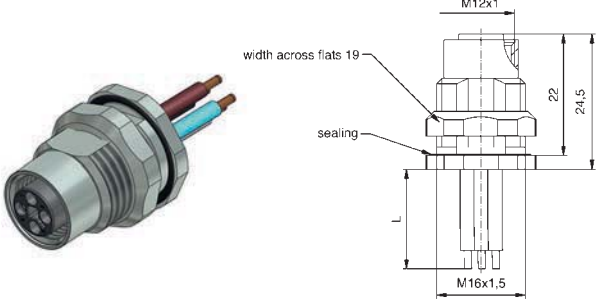
M12x1 POWER SOCKETS

T-coding

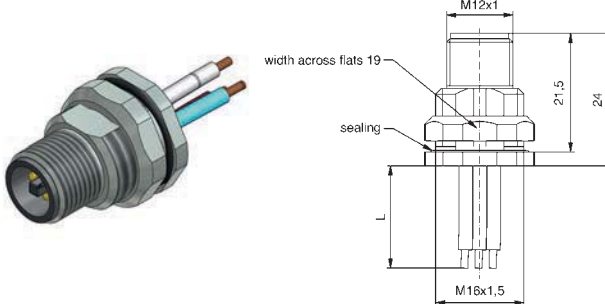
Back panel mounting, wire termination

Female connector M16x1,5 thread

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [mm ²]	Wire length = L [m]	Description	Part No.
	3	T	63	12	PVC	16	0,5	SAL-12T-FKH3-0,5	43-02416
	4	T	63	12	PVC	16	0,5	SAL-12T-FKH4-0,5	43-02397

Male connector M16x1,5 thread

	3	T	63	12	PVC	16	0,5	SAL-12T-FSH3-0,5	43-02417
	4	T	63	12	PVC	16	0,5	SAL-12T-FSH4-0,5	43-02399

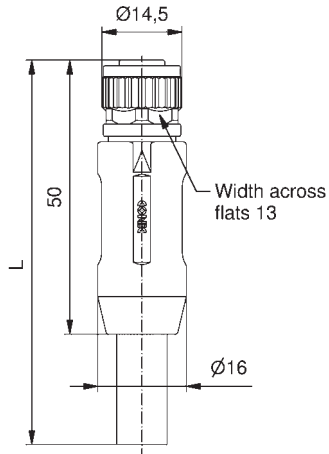
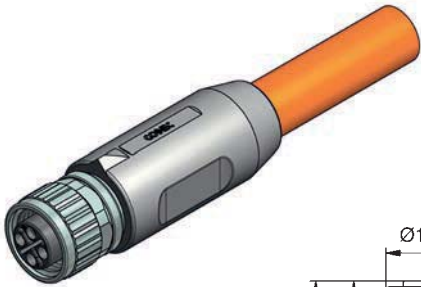
M12x1 POWER CONNECTORS OVERMOULDED
360° shielding, S-coding

Female connector axial

PVC, UL 2570, orange, Li9YCY

Contact assignment

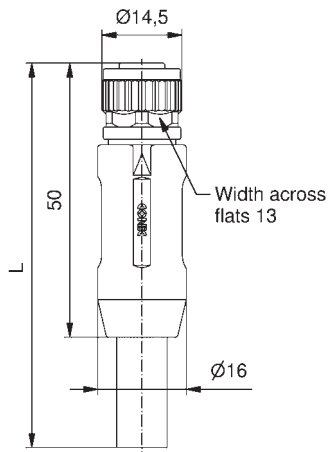
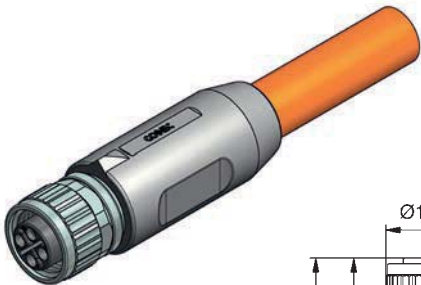
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	S	630	12	1,5	2	SAL-12SC-RK2PE-2/GOA	43-19052
					3	SAL-12SC-RK2PE-3/GOA	43-19053
					5	SAL-12SC-RK2PE-5/GOA	43-19054
					10	SAL-12SC-RK2PE-10/GOA	43-19055
3+PE	S	630	12	1,5	2	SAL-12SC-RK3PE-2/GOA	43-17116
					3	SAL-12SC-RK3PE-3/GOA	43-17117
					5	SAL-12SC-RK3PE-5/GOA	43-17118
					10	SAL-12SC-RK3PE-10/GOA	43-17119



Note: Voltage may be present only in mated condition.

TPU, UL 21223, orange, Li9YC11Y

2+PE	S	630	12	1,5	2	SAL-12SC-RK2PE-2/GOB	43-19079
					3	SAL-12SC-RK2PE-3/GOB	43-19080
					5	SAL-12SC-RK2PE-5/GOB	43-19081
					10	SAL-12SC-RK2PE-10/GOB	43-19082
3+PE	S	630	12	1,5	2	SAL-12SC-RK3PE-2/GOB	43-17913
					3	SAL-12SC-RK3PE-3/GOB	43-17914
					5	SAL-12SC-RK3PE-5/GOB	43-17915
					10	SAL-12SC-RK3PE-10/GOB	43-17916



Note: Voltage may be present only in mated condition.

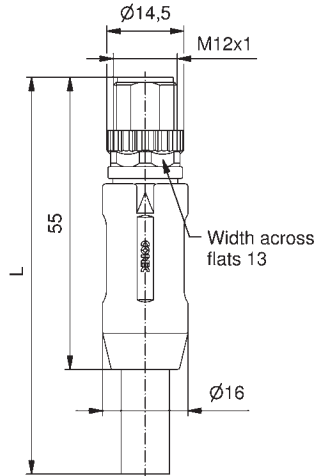
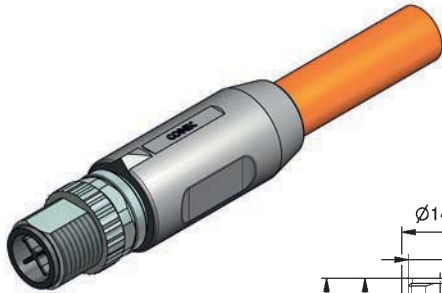
M12x1 POWER CONNECTORS OVERMOULDED

360° shielding, S-coding

Male connector axial

PVC, UL 2570, orange, Li9YCY

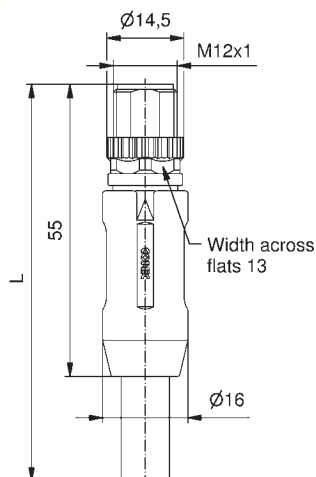
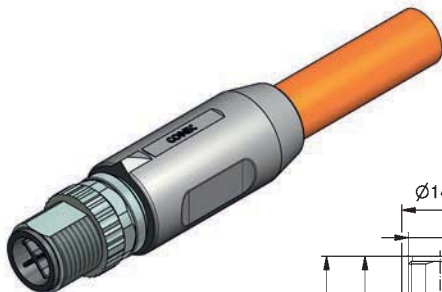
Contact assignment



Note: Voltage may be present only in mated condition.

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	S	630	12	2	1,5	SAL-12SC-RS2PE-2/GOA	43-19056
				3		SAL-12SC-RS2PE-3/GOA	43-19057
				5		SAL-12SC-RS2PE-5/GOA	43-19058
				10		SAL-12SC-RS2PE-10/GOA	43-19059
3+PE	S	630	12	2	1,5	SAL-12SC-RS3PE-2/GOA	43-17124
				3		SAL-12SC-RS3PE-3/GOA	43-17125
				5		SAL-12SC-RS3PE-5/GOA	43-17126
				10		SAL-12SC-RS3PE-10/GOA	43-17127

TPU, UL 21223, orange, Li9YC11Y



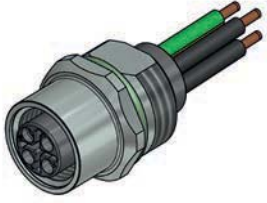
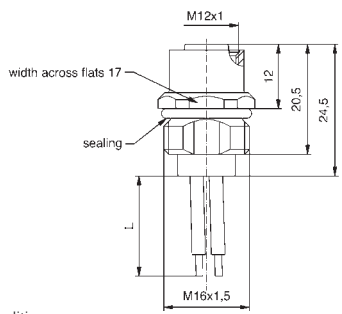







Note: Voltage may be present only in mated condition.

2+PE	S	630	12	2	1,5	SAL-12SC-RS2PE-2/GOB	43-19075
				3		SAL-12SC-RS2PE-3/GOB	43-19076
				5		SAL-12SC-RS2PE-5/GOB	43-19077
				10		SAL-12SC-RS2PE-10/GOB	43-19078
3+PE	S	630	12	2	1,5	SAL-12SC-RS3PE-2/GOB	43-17904
				3		SAL-12SC-RS3PE-3/GOB	43-17905
				5		SAL-12SC-RS3PE-5/GOB	43-17906
				10		SAL-12SC-RS3PE-10/GOB	43-17907

M12x1 POWER SOCKETS S-coding


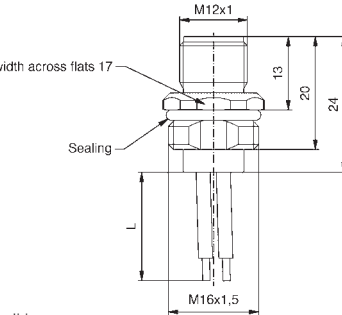







Front panel mounting, wire termination

Female connector M16x1,5 thread

		Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 3  PE 	2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FK2PE-0,5	43-02410	
	Pin 1  Pin 2  Pin 3  PE 	3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FK3PE-0,5	43-02392	


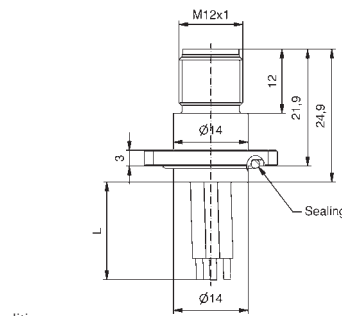







Note: Voltage may be present only in mated condition.

Male connector M16x1,5 thread

 	Pin 1  Pin 3  PE 	2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FS2PE-0,5	43-02411
	Pin 1  Pin 2  Pin 3  PE 	3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FS3PE-0,5	43-02394

Note: Voltage may be present only in mated condition.

Male connector square flange 26 mm

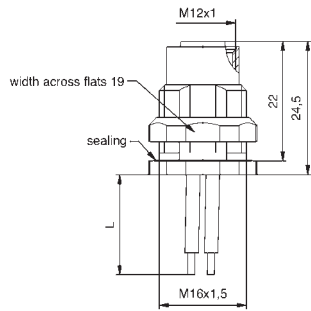
 	Pin 1  Pin 3  PE 	2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSV02PE-0,5	43-02496
	Pin 1  Pin 2  Pin 3  PE 	3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSV03PE-0,5	43-02497

Note: Voltage may be present only in mated condition.

M12x1 POWER SOCKETS S-coding

Back panel mounting, wire termination

Female connector M16x1,5 thread



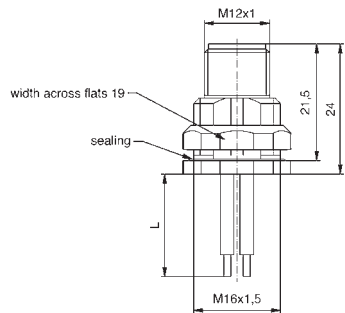
Note: Voltage may be present only in mated condition.

Contact assignment

Pin 1
Pin 3
PE

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FKH2PE-0,5	43-02414
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FKH3PE-0,5	43-02396

Male connector M16x1,5 thread



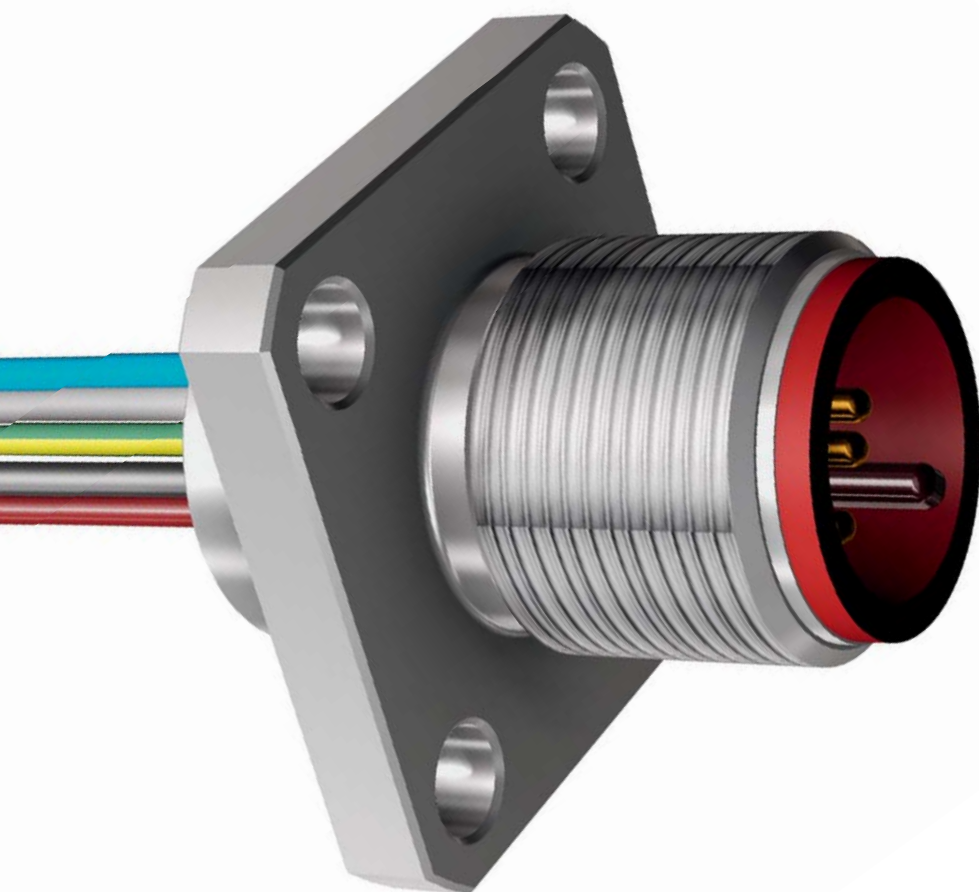
Note: Voltage may be present only in mated condition.

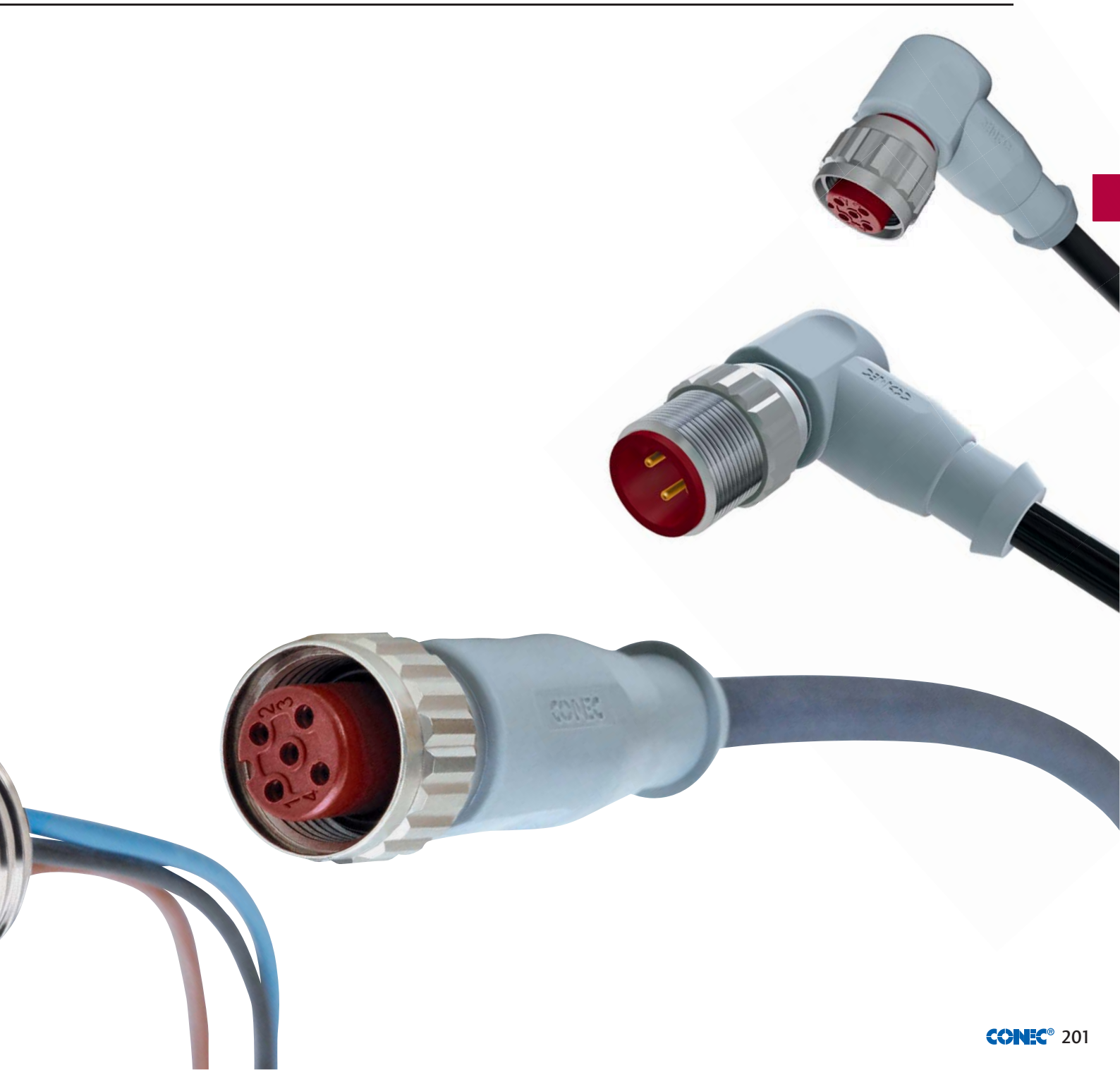
Pin 1
Pin 3
PE

2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSH2PE-0,5	43-02415
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSH3PE-0,5	43-02398

Section 7

HIGH TEMPERATURE CONNECTORS





SAL M12x1 HIGH TEMPERATURE CONNECTORS OVERMOULDED

Nomenclature

S A L - H T - 1 2 - R K W 4 - 3 / S 1

SAL
Sensor Actor Line

Type
HT = High Temperature 125° C

Installation size
12 = M12x1

Coding
= A-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

Cable length
XX = Length [m]

Cable quality
S1 = TPE, black

SAL M12x1 HIGH TEMPERATURE CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn, CuBe
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Overmould	Thermoplastic elastomere
Sealing	FPM
Coupling nut/-screw	CuZn, nickel plated

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512-2
Degree of pollution	IEC 60664-1
Degree of protection	DIN 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M12x1 HIGH TEMPERATURE SOCKETS

Nomenclature

S A L - H T - 1 2 - F K P 4 - 0,5 - 9

SAL
Sensor Actor Line

Type
HT = High Temperature 125° C

Installation size
12 = M12x1

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, frontmounting
H = Back panel mounting
VO = Square flange with O-ring

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

Type of Connection/Installation height
XX = Wire lenght [m]
L = Solder cup
P5,5 = Dip solder ,5 mm
P12 = Dip solder 12 mm
Pxx = Installation height one-piece socket

Screw connection
= M16x1,5
9 = PG9

SAL M12x1 HIGH TEMPERATURE SOCKETS

Product specification

Basic material	
Contact	CuZn, CuBe
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Sealing	FPM
Counter nut	CuZn, nickel plated
Socket housing	CuZn, nickel plated
Sealing Compound	Polyurethane-resin, UL 94

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	DIN 60529
Mating cycles	IEC 60512-9a

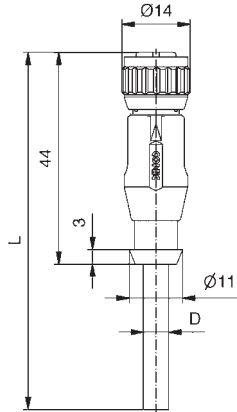
Technical subject to change without notice.

M12x1 HT CONNECTORS OVERMOULDED (up to 125°C)

Female connector axial

TPE, black, Li12Y33X

Contact assignment



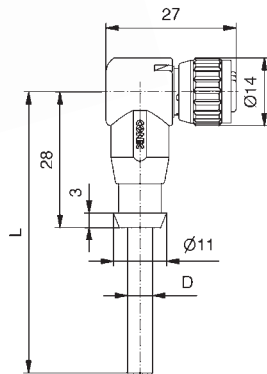
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-HT-12-RK4-2/S1	43-10480
					3	SAL-HT-12-RK4-3/S1	43-10481
					5	SAL-HT-12-RK4-5/S1	43-10482
					10	SAL-HT-12-RK4-10/S1	43-10483
5	A	60	4	0,34	2	SAL-HT-12-RK5-2/S1	43-10484
					3	SAL-HT-12-RK5-3/S1	43-10485
					5	SAL-HT-12-RK5-5/S1	43-10486
					10	SAL-HT-12-RK5-10/S1	43-10487

Female connector angled

TPE, black, Li12Y33X



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

4	A	250	4	0,34	2	SAL-HT-12-RKW4-2/S1	43-10496
					3	SAL-HT-12-RKW4-3/S1	43-10497
					5	SAL-HT-12-RKW4-5/S1	43-10498
					10	SAL-HT-12-RKW4-10/S1	43-10499
5	A	60	4	0,34	2	SAL-HT-12-RKW5-2/S1	43-10500
					3	SAL-HT-12-RKW5-3/S1	43-10501
					5	SAL-HT-12-RKW5-5/S1	43-10502
					10	SAL-HT-12-RKW5-10/S1	43-10503

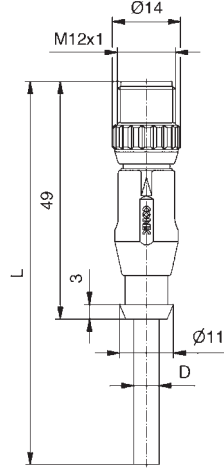
M12x1 HT CONNECTORS OVERMOULDED (up to 125°C)

Male connector axial






TPE, black, Li12Y33X

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-HT-12-RS4-2/S1	43-10488
					3	SAL-HT-12-RS4-3/S1	43-10489
					5	SAL-HT-12-RS4-5/S1	43-10490
					10	SAL-HT-12-RS4-10/S1	43-10491
5	A	60	4	0,34	2	SAL-HT-12-RS5-2/S1	43-10492
					3	SAL-HT-12-RS5-3/S1	43-10493
					5	SAL-HT-12-RS5-5/S1	43-10494
					10	SAL-HT-12-RS5-10/S1	43-10495



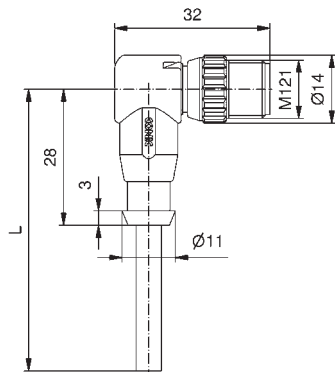
Pin 1 
 Pin 2 
 Pin 3 
 Pin 4 

Pin 1 
 Pin 2 
 Pin 3 
 Pin 4 
 Pin 5 






Male connector angled

TPE, black, Li12Y33X

4	A	250	4	0,34	2	SAL-HT-12-RSW4-2/S1 / A1090	43-14783
					3	SAL-HT-12-RSW4-3/S1 / A1090	43-14784
					5	SAL-HT-12-RSW4-5/S1 / A1090	43-14785
					10	SAL-HT-12-RSW4-10/S1 / A1090	43-14786
5	A	60	4	0,34	2	SAL-HT-12-RSW5-2/S1 / A1090	43-14787
					3	SAL-HT-12-RSW5-3/S1 / A1090	43-14788
					5	SAL-HT-12-RSW5-5/S1 / A1090	43-14789
					10	SAL-HT-12-RSW5-10/S1 / A1090	43-14790



Pin 1 
 Pin 2 
 Pin 3 
 Pin 4 

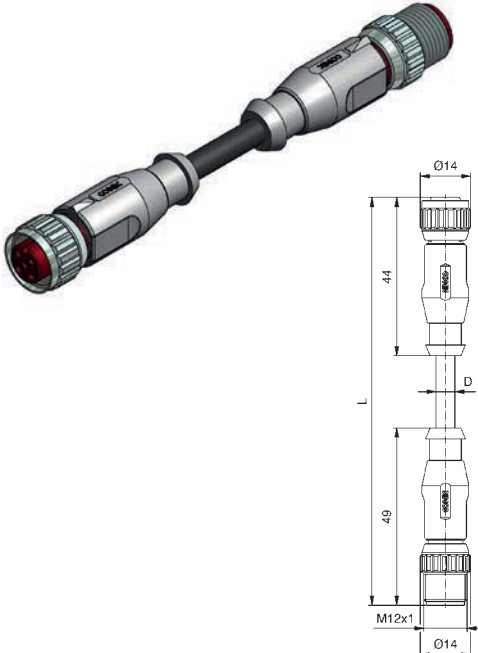
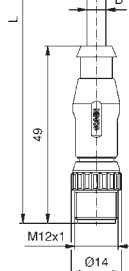
Pin 1 
 Pin 2 
 Pin 3 
 Pin 4 
 Pin 5 

M12x1 HT CONNECTORS OVERMOULDED (up to 125°C)
Connecting cable

Female connector axial
Male connector axial

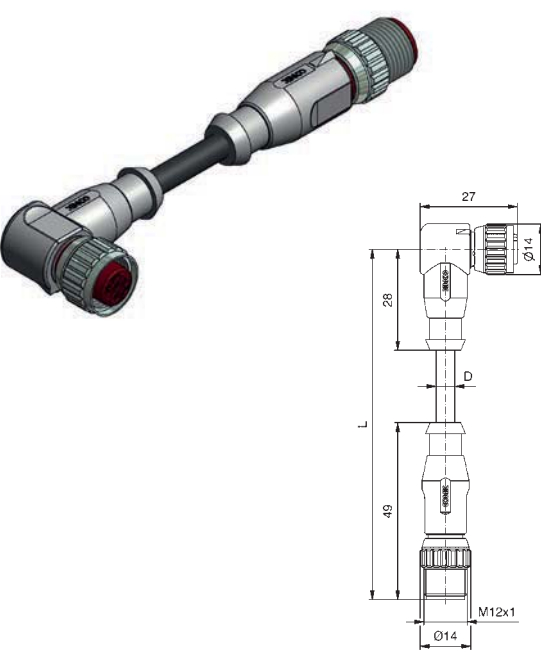
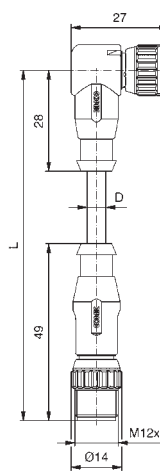
TPE, black, Li12Y33X

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
 <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■</p>	4	A	250	4	0,3	0,34	SAL-HT-12-RK4-RS4-0,3/S1	43-10900
							SAL-HT-12-RK4-RS4-0,6/S1	43-10901
							SAL-HT-12-RK4-RS4-1,5/S1	43-10902
							SAL-HT-12-RK4-RS4-3/S1	43-10903
 <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■</p>	5	A	60	4	0,3	0,34	SAL-HT-12-RK5-RS5-0,3/S1	43-10904
							SAL-HT-12-RK5-RS5-0,6/S1	43-10905
							SAL-HT-12-RK5-RS5-1,5/S1	43-10906
							SAL-HT-12-RK5-RS5-3/S1	43-10907

Female connector angled
Male connector axial

TPE, black, Li12Y33X

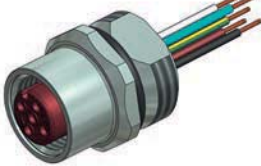
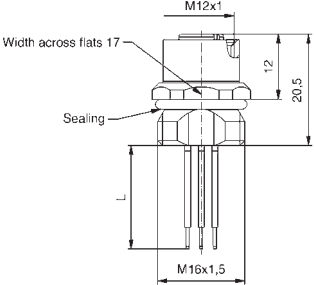
 <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■</p>	4	A	250	4	0,3	0,34	SAL-HT-12-RKW4-RS4-0,3/S1	43-10908
							SAL-HT-12-RKW4-RS4-0,6/S1	43-10909
							SAL-HT-12-RKW4-RS4-1,5/S1	43-10910
							SAL-HT-12-RKW4-RS4-3/S1	43-10911
 <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■</p>	5	A	60	4	0,3	0,34	SAL-HT-12-RKW5-RS5-0,3/S1	43-10912
							SAL-HT-12-RKW5-RS5-0,6/S1	43-10913
							SAL-HT-12-RKW5-RS5-1,5/S1	43-10914
							SAL-HT-12-RKW5-RS5-3/S1	43-10915

M12x1 HT SOCKETS (up to 125°C)

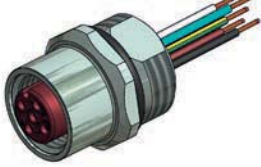
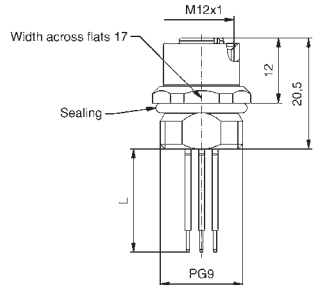
Front panel mounting, wire termination

Female connector, M16x1.5 thread

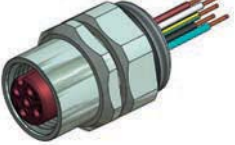
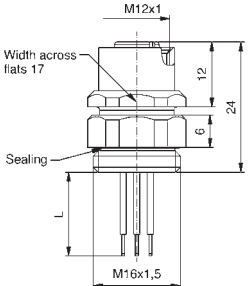
Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FK4-0,5	43-01022
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5-0,5	43-01023
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5.1-0,5	43-01046

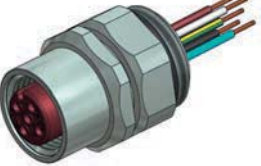
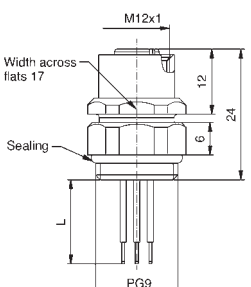
Female connector, PG9 thread

 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FK4-0,5-9	43-01076
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5-0,5-9	43-01078
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5.1-0,5-9	43-01077

Female connector, M16x1.5 thread, positioning possible

 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FKP4-0,5	43-01038
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5-0,5	43-01039
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5.1-0,5	43-01127

Female connector, PG9 thread, positioning possible

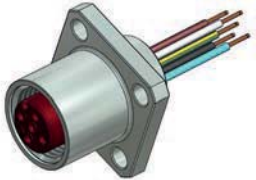
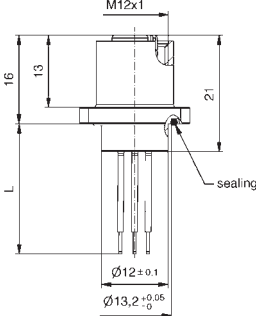
 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FKP4-0,5-9	43-01112
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5-0,5-9	43-01113
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5.1-0,5-9	43-01135

M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Female connector, Square flange 20x20

Contact assignment


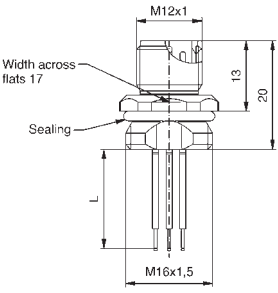
	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire section [AWG]	Wire length = L [m]	Description	Part No.
  <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■</p> <p>Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■</p>	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FV04-0,5-20	43-02324
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FV05-0,5-20	43-02325

M12x1 HT SOCKETS (up to 125°C)

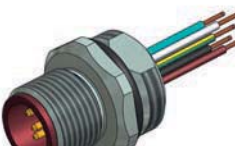
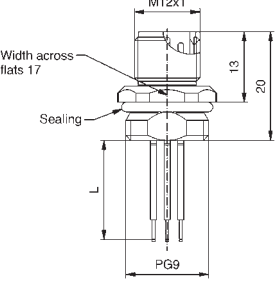
Front panel mounting, wire termination

Male connector, M16x1.5 thread


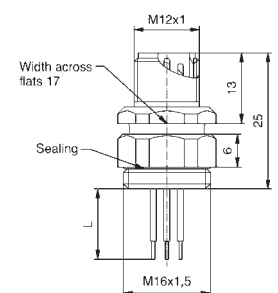
Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FS4-0,5	43-01024
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FS5-0,5	43-01025
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FS5.1-0,5	43-01050

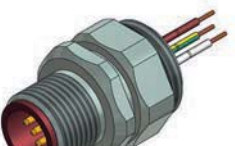
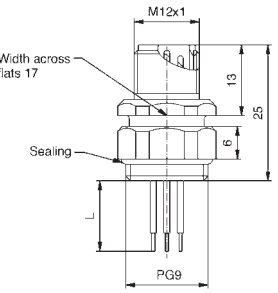
Male connector, PG9 thread

 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FS4-0,5-9	43-01085
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FS5-0,5-9	43-01087
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FS5.1-0,5-9	43-01086

Male connector, M16x1.5 thread, positioning possible

 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSP4-0,5	43-01040
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSP5-0,5	43-01041
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSP5.1-0,5	43-01128

Male connector, PG9 thread, positioning possible

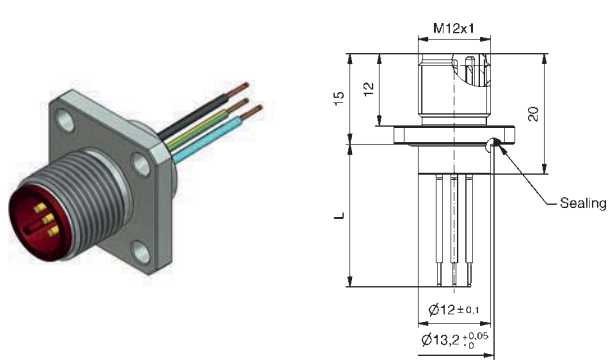
 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSP4-0,5-9	43-01114
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSP5-0,5-9	43-01115
	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSP5.1-0,5-9	43-01136

M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Male connector, Square flange 20x20

Contact assignment



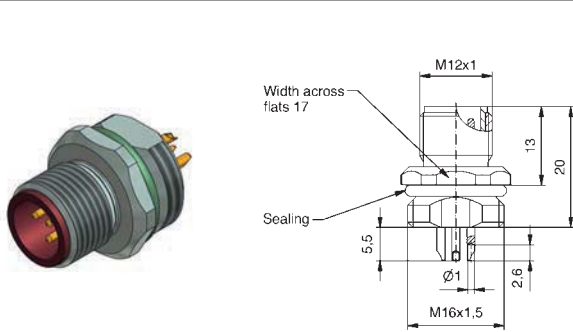
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSV04-0,5-20	43-02326
5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSV05-0,5-20	43-02327

Front panel mounting, solder termination

Male connector, M16x1.5 thread



4	A	250	4				SAL-HT-FS4-L	43-02357
5	A	60	4				SAL-HT-FS5.1-L	43-02358

M12x1 HT SOCKETS (up to 125°C)

Back panel mounting, wire termination

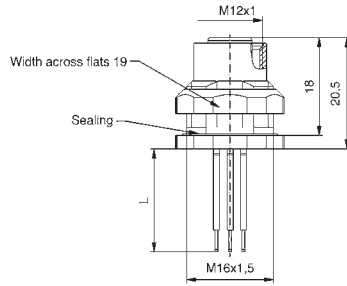
Male connector, M16x1.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire section [AWG]	Wire length = L [m]
4	A	250	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5

Description

Part No.



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

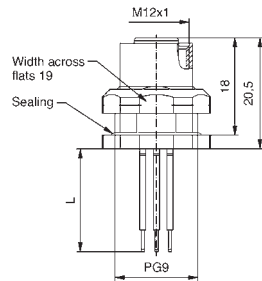
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

Female connector, PG9 thread

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

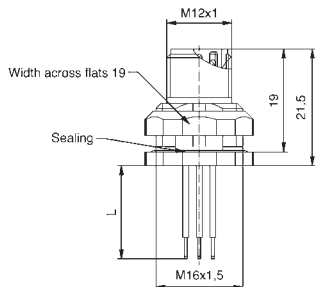
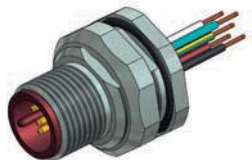


Male connector, M16x1.5 thread

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

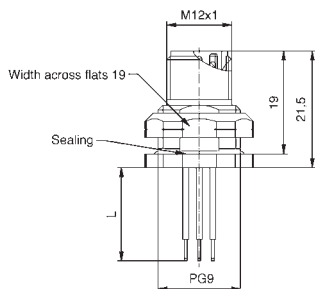
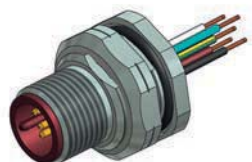


Male connector, PG9 thread

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

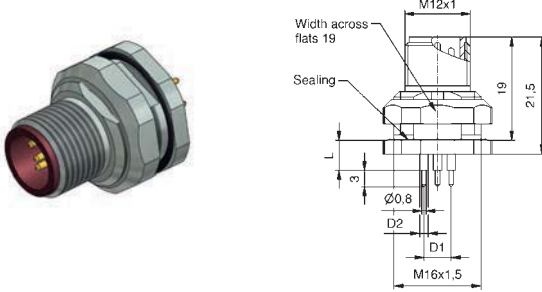
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■



M12x1 HT SOCKETS (up to 125°C)

Back panel mounting, dip solder termination

Male connector, M16x1,5 thread, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

A

250

4

5,5

SAL-HT-12-FSH4-P5,5

43-02316

5

A

60

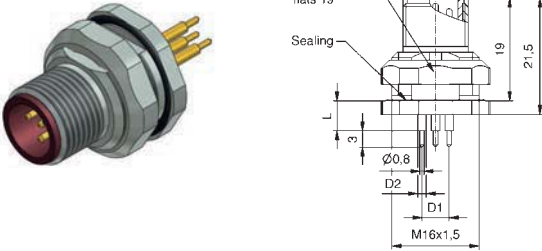
4

5,5

SAL-HT-12-FSH5.1-P5,5

43-02317

Male connector, M16x1,5 thread, installation height 12 mm



4

A

250

4

12

SAL-HT-12-FSH4-P12

43-02320

5

A

60

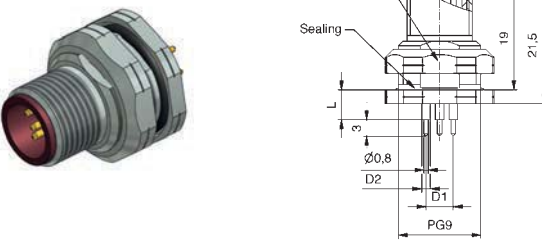
4

12

SAL-HT-12-FSH5.1-P12

43-02321

Male connector, PG9 thread, installation height 5.5 mm



4

A

250

4

5,5

SAL-HT-12-FSH4-P5,5-9

43-02318

5

A

60

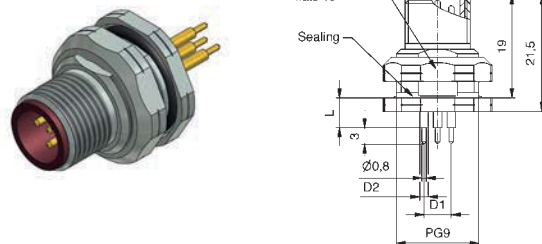
4

5,5

SAL-HT-12-FH5.1-P5,5-9

43-02319

Male connector, PG9 thread, installation height 12 mm



4

A

250

4

12

SAL-HT-12-FSH4-P12-9

43-02322

5

A

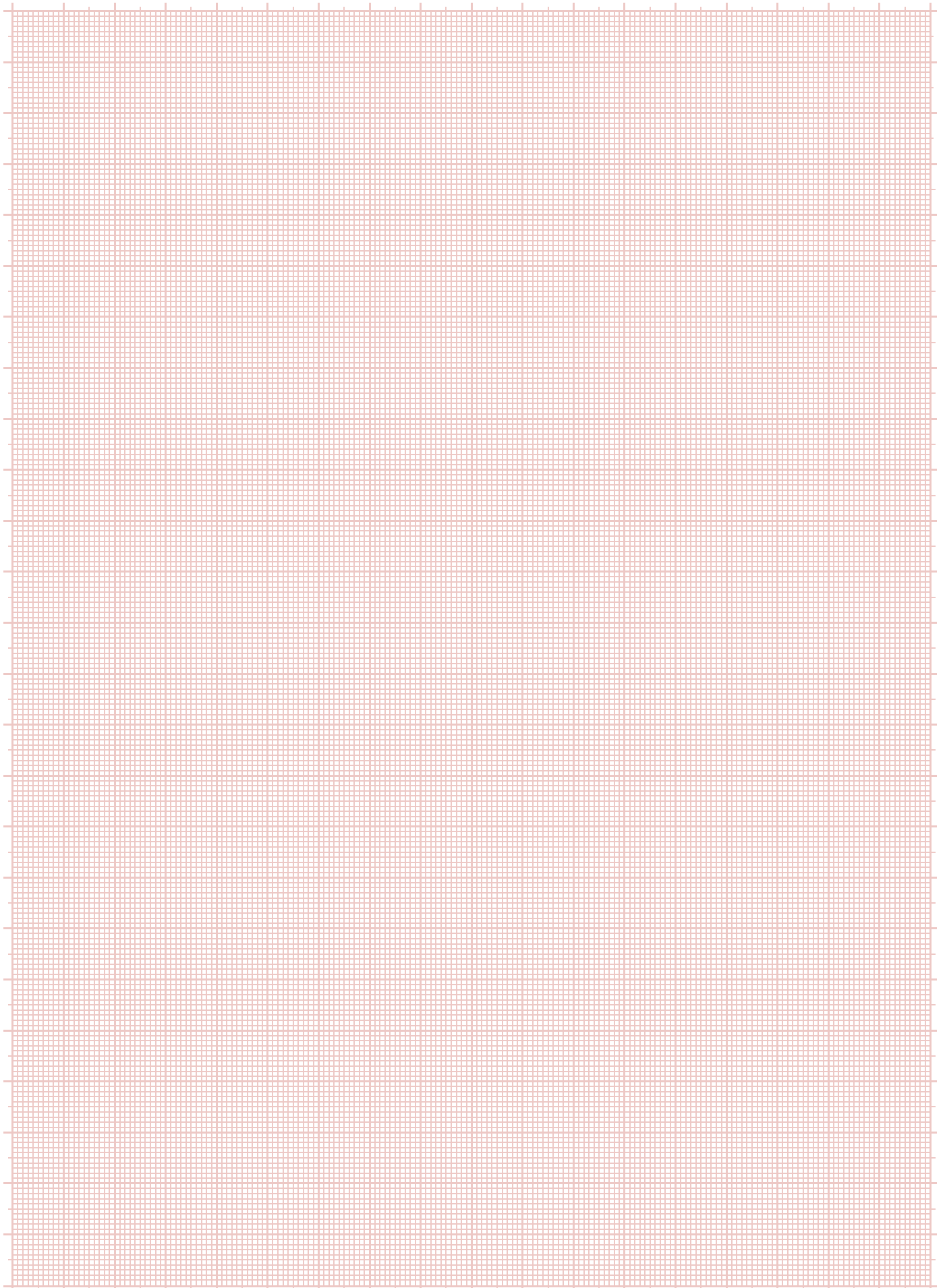
60

4

12

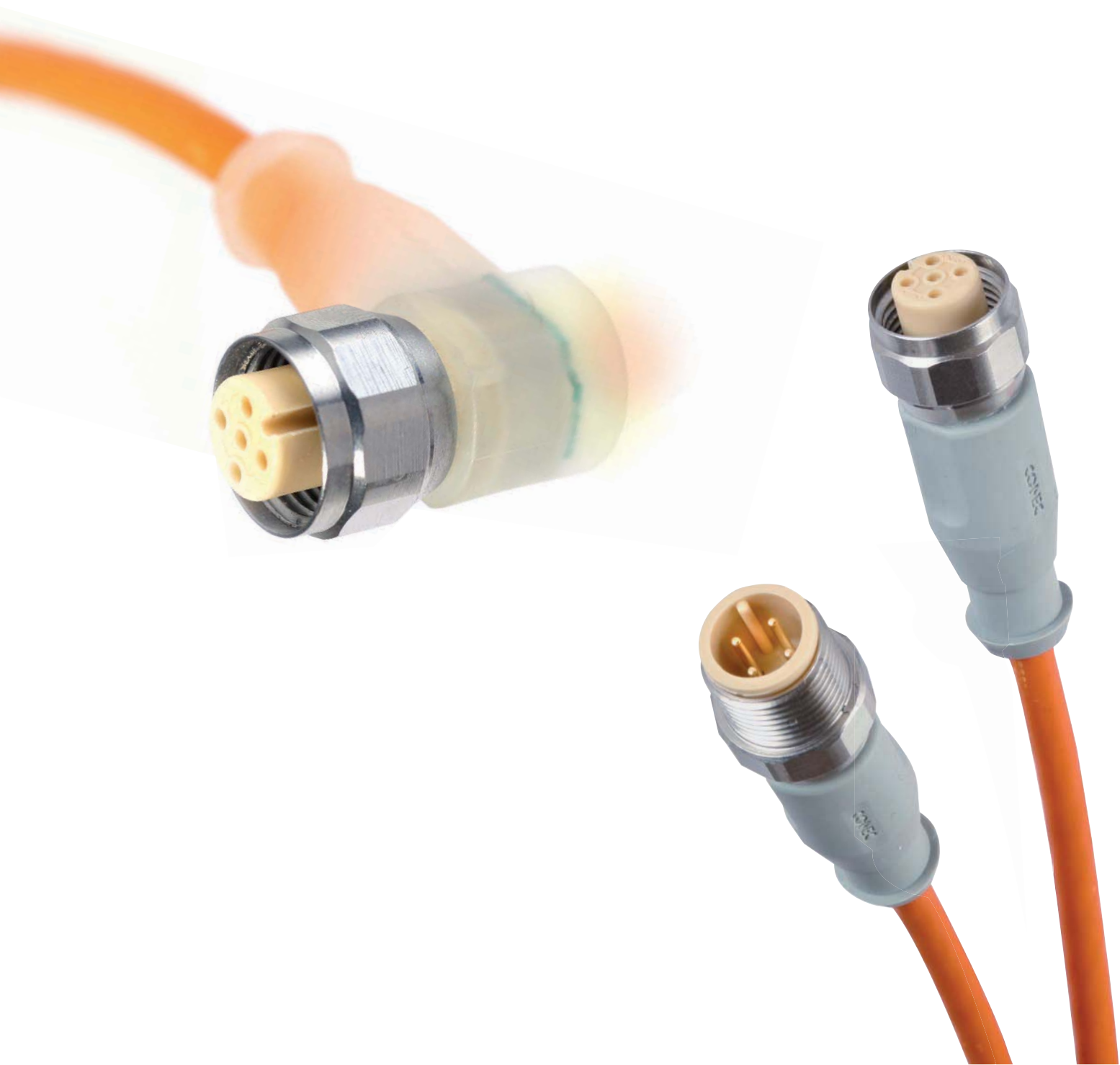
SAL-HT-12-FH5.1-P12-9

43-02323



SECTION 8

FOOD & BEVERAGE CONNECTORS





SAL M8x1 / M12x1 FOOD & BEVERAGE CONNECTORS OVERMOULDED

Nomenclature

S A L - F B - 1 2 - R K W 4 - 2 L - 3 / P 1

SAL
Sensor Actor Line

Type
FB = Food & Beverage

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

LED-Display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
P1 = PP, orange

SAL M8x1 / M12x1 FOOD & BEVERAGE CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PP GF, UL 94
Overmould	TPE
Sealing	FPM
Coupling nut/-screw	1.4404 stainless steel

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512-2
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	DIN 40050-9	DIN 40050-9
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm

Recommended torque M12: 0.6 Nm

Technical subject to change without notice.

SAL M8x1/M12x1 FOOD & BEVERAGE SOCKETS

Nomenclature

S A L - F B - 1 2 - F K P 4 - 0,5 - 9

SAL
Sensor Actor Line

Type
FB = Food & Beverage

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, Front panel mounting
H = Back panel mounting

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.
8 = 8-pos.

Type of Connection/Installation height
XX = Wire length [m]
P5,5 = Dip solder 5.5 mm
P12 = Dip solder 12 mm
Pxx = Installation height one-piece socket

Screw connection
= M8x0.5 by M8x1
= M16x1.5 by M12x1
9 = PG9 by M12x1

SAL M8x1/M12x1 FOOD & BEVERAGE SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PP GF, UL 94
Sealing	FPM
Counter nut	1.4404 stainless steel
Socket housing	1.4404 stainless steel
Sealing compound	Polyurethane-resin, UL 94

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	DIN 40050-9	DIN 40050-9
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.6-0.8 Nm

Recommended torque M12: 1-1.2 Nm

Technical subject to change without notice.

M8x1 F&B CONNECTORS OVERMOULDED

Female connector axial

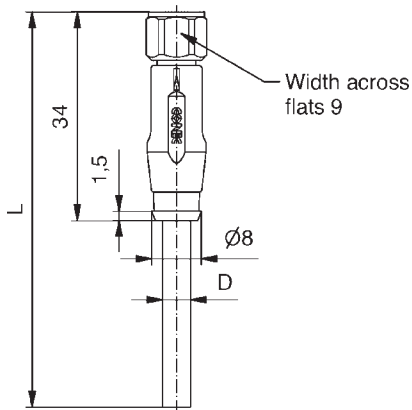
PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-FB-8-RK3-2 / P1	42-10468
					3	SAL-FB-8-RK3-3 / P1	42-10469
					5	SAL-FB-8-RK3-5 / P1	42-10470
					10	SAL-FB-8-RK3-10 / P1	42-10471
					2	SAL-FB-8-RK4-2 / P1	42-10472
4		50 V AC / 60 V DC	3	0,25	3	SAL-FB-8-RK4-3 / P1	42-10473
					5	SAL-FB-8-RK4-5 / P1	42-10474
					10	SAL-FB-8-RK4-10 / P1	42-10475
					2	SAL-FB-8-RK4-2 / P1	42-10472



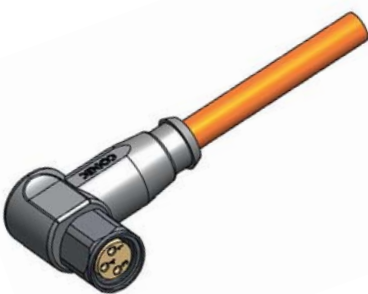
Pin 1 ■
Pin 3 ■
Pin 4 ■



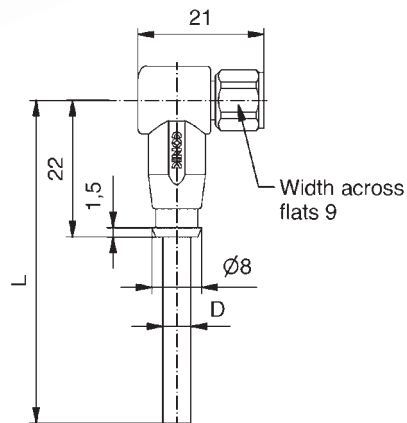
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Female connector angled

PP, orange, Li12Y9Y



Pin 1 ■
Pin 3 ■
Pin 4 ■



Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

3		50 V AC / 60 V DC	3	0,25	2	SAL-FB-8-RKW3-2 / P1	42-10484
					3	SAL-FB-8-RKW3-3 / P1	42-10485
					5	SAL-FB-8-RKW3-5 / P1	42-10486
					10	SAL-FB-8-RKW3-10 / P1	42-10487
4		50 V AC / 60 V DC	3	0,25	2	SAL-FB-8-RKW4-2 / P1	42-10488
					3	SAL-FB-8-RKW4-3 / P1	42-10489
					5	SAL-FB-8-RKW4-5 / P1	42-10490
					10	SAL-FB-8-RKW4-10 / P1	42-10491

M8x1 F&B CONNECTORS OVERMOULDED with LED

Female connector angled, 2-LED

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

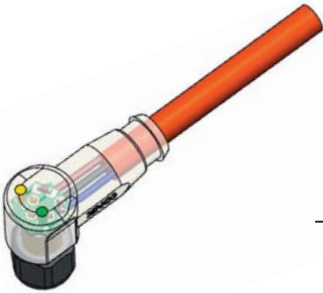
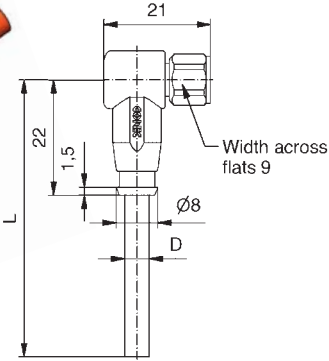
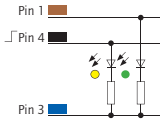
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]


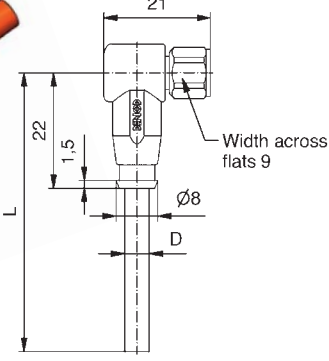
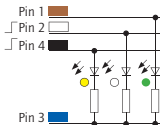
Description

Part No.

  	2				0,25	SAL-FB-8-RKW3-2L-2/P1	42-10500
	3		30	3		SAL-FB-8-RKW3-2L-3/P1	42-10501
	5					SAL-FB-8-RKW3-2L-5/P1	42-10502
	10					SAL-FB-8-RKW3-2L-10/P1	42-10503

Female connector angled, 3-LED

PP, orange, Li12Y9Y

  	2				0,25	SAL-FB-8-RKW4-3L-2/P1	42-10504
	3		30	3		SAL-FB-8-RKW4-3L-3/P1	42-10505
	5					SAL-FB-8-RKW4-3L-5/P1	42-10506
	10					SAL-FB-8-RKW4-3L-10/P1	42-10507

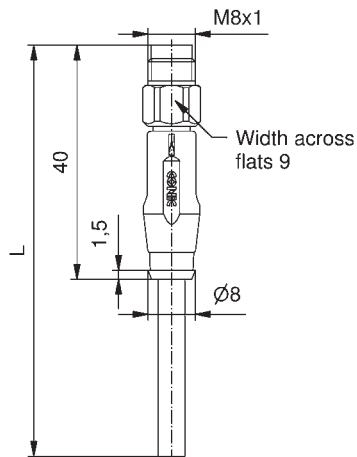
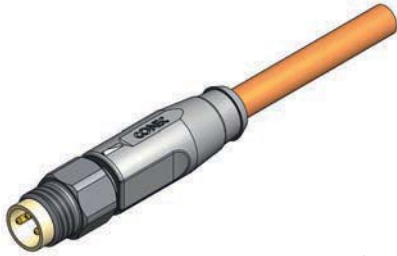
M8x1 F&B CONNECTORS OVERMOULDED

Male connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25		SAL-FB-8-RS3-2 / P1	42-10476
						SAL-FB-8-RS3-3 / P1	42-10477
						SAL-FB-8-RS3-5 / P1	42-10478
						SAL-FB-8-RS3-10 / P1	42-10479
4		50 V AC / 60 V DC	3	0,25		SAL-FB-8-RS4-2 / P1	42-10480
						SAL-FB-8-RS4-3 / P1	42-10481
						SAL-FB-8-RS4-5 / P1	42-10482
						SAL-FB-8-RS4-10 / P1	42-10483



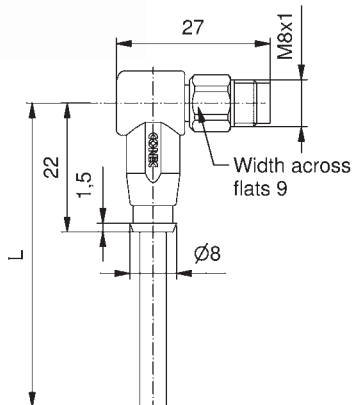
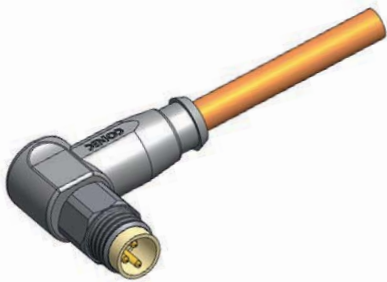
Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Male connector angled

PP, orange, Li12Y9Y

3		50 V AC / 60 V DC	3	0,25		SAL-FB-8-RSW3-2 / P1	42-10492
						SAL-FB-8-RSW3-3 / P1	42-10493
						SAL-FB-8-RSW3-5 / P1	42-10494
						SAL-FB-8-RSW3-10 / P1	42-10495
4		50 V AC / 60 V DC	3	0,25		SAL-FB-8-RSW4-2 / P1	42-10496
						SAL-FB-8-RSW4-3 / P1	42-10497
						SAL-FB-8-RSW4-5 / P1	42-10498
						SAL-FB-8-RSW4-10 / P1	42-10499



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

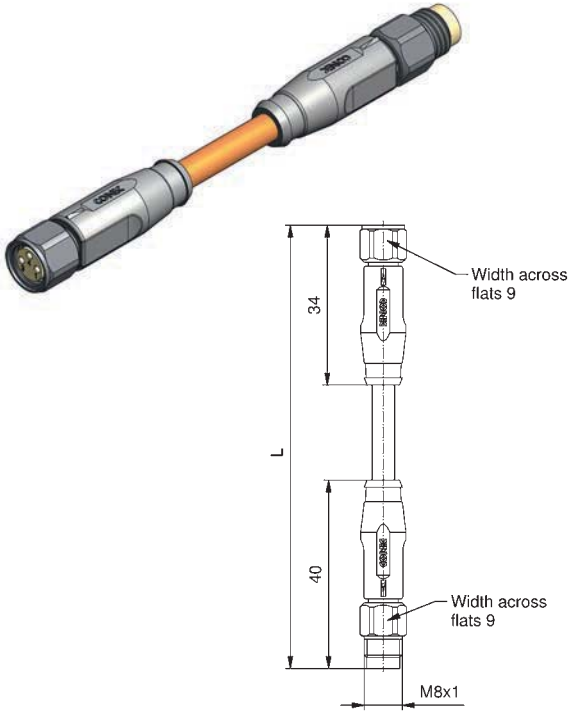
M8x1 F&B CONNECTORS OVERMOULDED
Connecting cable

Female connector axial
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

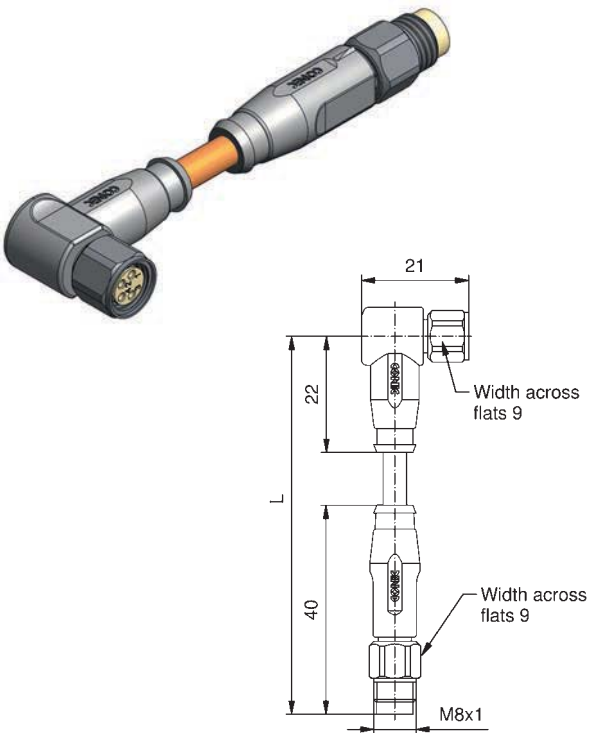
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	0,25	0,3	0,25	SAL-FB-8-RK3-RS3-0,3/P1	42-13198
				0,6		SAL-FB-8-RK3-RS3-0,6/P1	42-13199
				1,5		SAL-FB-8-RK3-RS3-1,5/P1	42-13010
				3		SAL-FB-8-RK3-RS3-3/P1	42-13200
				0,3		SAL-FB-8-RK4-RS4-0,3/P1	42-13201
4	50 V AC / 60 V DC	3	0,25	0,6	0,25	SAL-FB-8-RK4-RS4-0,6/P1	42-13160
				1,5		SAL-FB-8-RK4-RS4-1,5/P1	42-13202
				3		SAL-FB-8-RK4-RS4-3/P1	42-13203
				0,3		SAL-FB-8-RK4-RS4-0,3/P1	42-13201



Female connector angled
Male connector axial

PP, orange, Li12Y9Y

3	50 V AC / 60 V DC	3	0,25	0,3	0,25	SAL-FB-8-RKW3-RS3-0,3/P1	42-13204
				0,6		SAL-FB-8-RKW3-RS3-0,6/P1	42-13205
				1,5		SAL-FB-8-RKW3-RS3-1,5/P1	42-13206
				3		SAL-FB-8-RKW3-RS3-3/P1	42-13207
				0,3		SAL-FB-8-RKW4-RS4-0,3/P1	42-13208
4	50 V AC / 60 V DC	3	0,25	0,6	0,25	SAL-FB-8-RKW4-RS4-0,6/P1	42-13209
				1,5		SAL-FB-8-RKW4-RS4-1,5/P1	42-13210
				3		SAL-FB-8-RKW4-RS4-3/P1	42-13211



M8x1 F&B CONNECTORS OVERMOULDED
Connecting cable with LED

Female connector angled, 2-fold LED
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.

			3	30	3	0,25	0,3	SAL-FB-8-RKW3-RS3-2L-0,3/P1	42-13212
							0,6	SAL-FB-8-RKW3-RS3-2L-0,6/P1	42-13213
							1,5	SAL-FB-8-RKW3-RS3-2L-1,5/P1	42-13214
							3	SAL-FB-8-RKW3-RS3-2L-3/P1	42-13215

Female connector angled, 3-fold LED
Male connector axial

PP, orange, Li12Y9Y

			3	30	3	0,25	0,3	SAL-FB-8-RKW4-RS4-3L-0,3/P1	42-13216
							0,6	SAL-FB-8-RKW4-RS4-3L-0,6/P1	42-13217
							1,5	SAL-FB-8-RKW4-RS4-3L-1,5/P1	42-13218
							3	SAL-FB-8-RKW4-RS4-3L-3/P1	42-13219

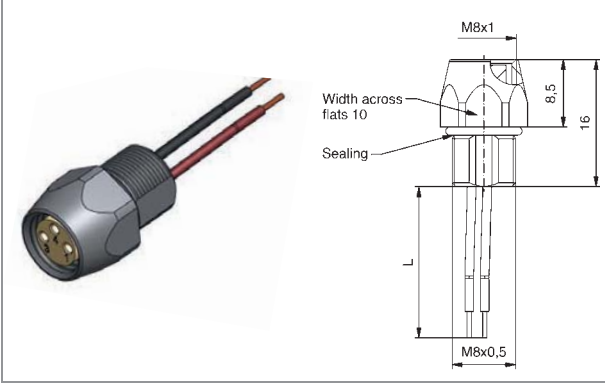
M8x1 F&B SOCKETS

Front panel mounting, wire termination

Female connector, M8x0.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire Length = L [m]	Description	Part No.
3		50 V AC / 60 V DC	3	PVC	24	0,2	SAL-FB-8-FK3-0,2	42-01018
4		50 V AC / 60 V DC	3	PVC	24	0,2	SAL-FB-8-FK4-0,2	42-01019



- Pin 1 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

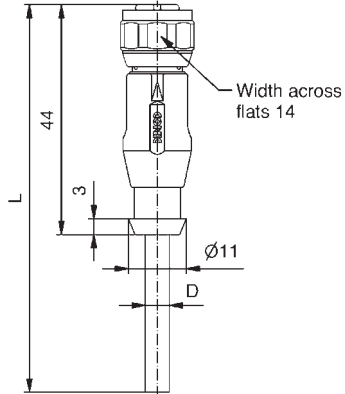
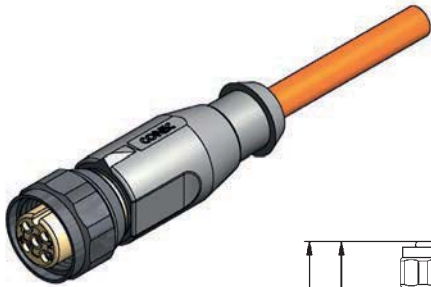
M12x1 F&B CONNECTORS OVERMOULDED

Female connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-FB-12-RK4-2/P1	43-10512
					3	SAL-FB-12-RK4-3/P1	43-10513
					5	SAL-FB-12-RK4-5/P1	43-10514
					10	SAL-FB-12-RK4-10/P1	43-10515
					2	SAL-FB-12-RK5-2/P1	43-10516
5	A	60	4	0,34	3	SAL-FB-12-RK5-3/P1	43-10517
					5	SAL-FB-12-RK5-5/P1	43-10518
					10	SAL-FB-12-RK5-10/P1	43-10519



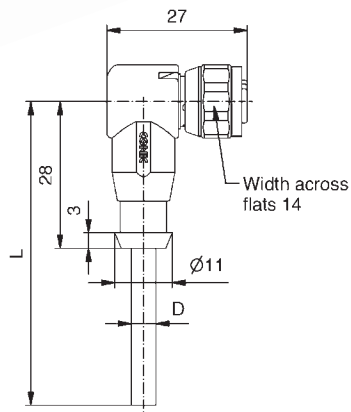
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

Female connector angled

PP, orange, Li12Y9Y

4	A	250	4	0,34	2	SAL-FB-12-RKW4-2/P1	43-10528
					3	SAL-FB-12-RKW4-3/P1	43-10529
					5	SAL-FB-12-RKW4-5/P1	43-10530
					10	SAL-FB-12-RKW4-10/P1	43-10531
					2	SAL-FB-12-RKW5-2/P1	43-10532
5	A	60	4	0,34	3	SAL-FB-12-RKW5-3/P1	43-10533
					5	SAL-FB-12-RKW5-5/P1	43-10534
					10	SAL-FB-12-RKW5-10/P1	43-10535



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

M12x1 F&B CONNECTORS OVERMOULDED with LED

Female connector angled, 3-LED

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

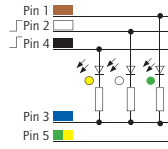
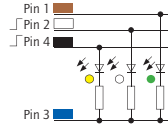
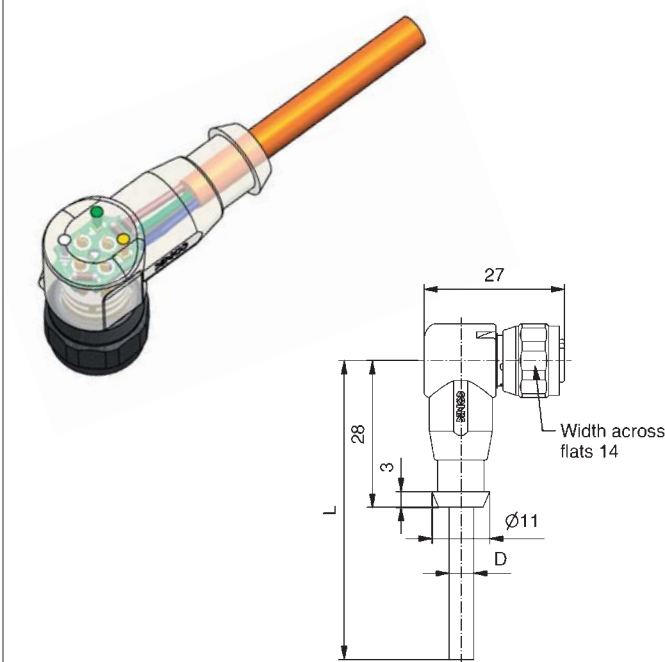
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2						SAL-FB-12-RKW4-3L-2/P1	43-11636
3						SAL-FB-12-RKW4-3L-3/P1	43-11637
4	A	30	4	0,34		SAL-FB-12-RKW4-3L-5/P1	43-11638
5						SAL-FB-12-RKW4-3L-10/P1	43-11639
2						SAL-FB-12-RKW5-3L-2/P1	43-11640
3						SAL-FB-12-RKW5-3L-3/P1	43-11641
5	A	30	4	0,34		SAL-FB-12-RKW5-3L-5/P1	43-11642
5						SAL-FB-12-RKW5-3L-10/P1	43-11643

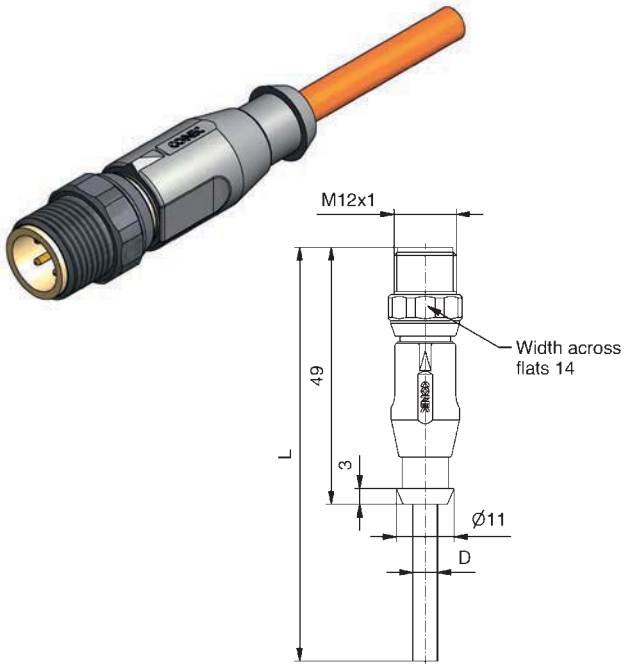
M12x1 F&B CONNECTORS OVERMOULDED

Male connector axial

PP, orange, Li12Y9Y

Contact assignment

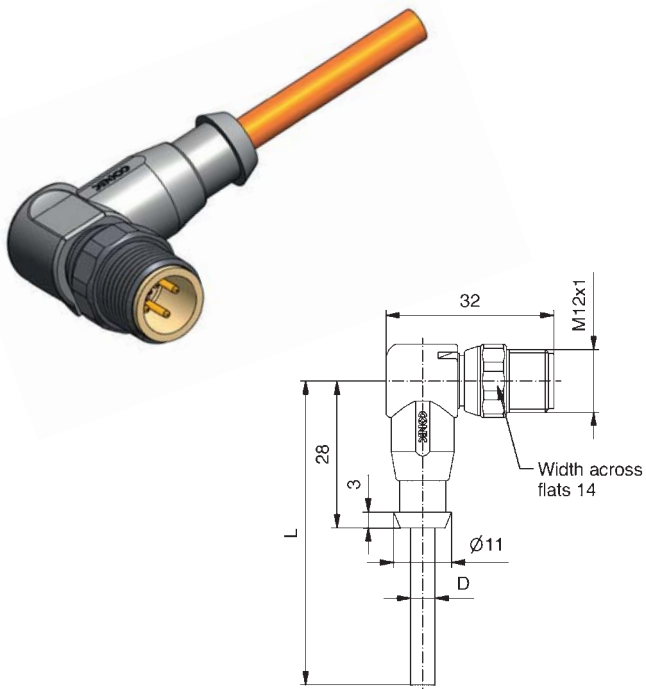
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-FB-12-RS4-2/P1	43-10520
					3	SAL-FB-12-RS4-3/P1	43-10521
					5	SAL-FB-12-RS4-5/P1	43-10522
					10	SAL-FB-12-RS4-10/P1	43-10523
					2	SAL-FB-12-RS5-2/P1	43-10524
5	A	60	4	0,34	3	SAL-FB-12-RS5-3/P1	43-10525
					5	SAL-FB-12-RS5-5/P1	43-10526
					10	SAL-FB-12-RS5-10/P1	43-10527



Male connector angled

PP, orange, Li12Y9Y

4	A	250	4	0,34	2	SAL-FB-12-RSW4-2/P1/A1090	43-14824
					3	SAL-FB-12-RSW4-3/P1/A1090	43-14825
					5	SAL-FB-12-RSW4-5/P1/A1090	43-14826
					10	SAL-FB-12-RSW4-10/P1/A1090	43-14827
5	A	60	4	0,34	2	SAL-FB-12-RSW5-2/P1/A1090	43-14828
					3	SAL-FB-12-RSW5-3/P1/A1090	43-14829
					5	SAL-FB-12-RSW5-5/P1/A1090	43-14830
					10	SAL-FB-12-RSW5-10/P1/A1090	43-14831



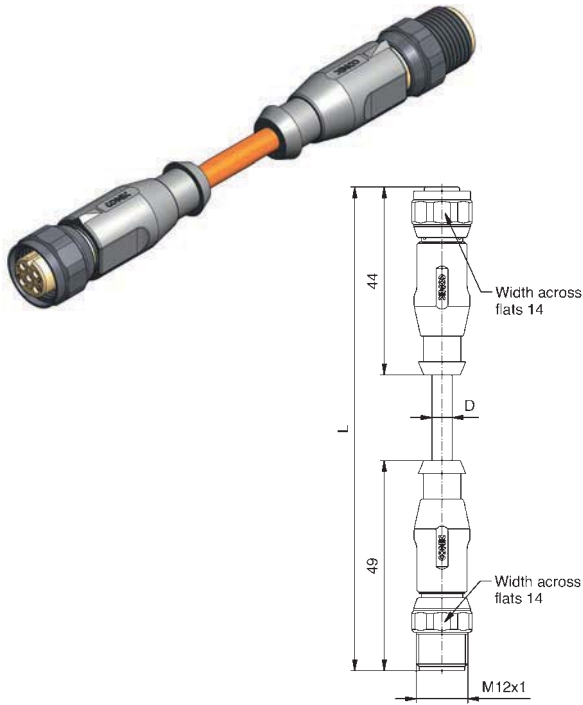
M12X1 F&B CONNECTORS OVERMOULDED
Connecting cable

Female connector axial
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

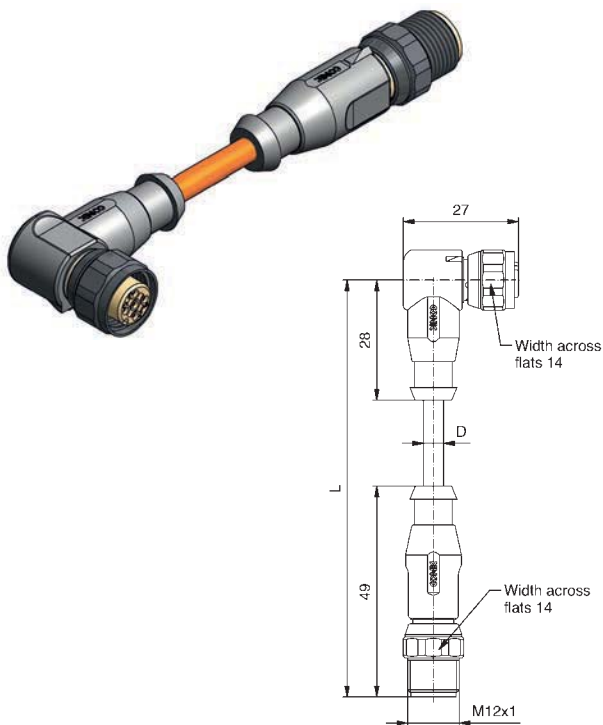
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	0,3	SAL-FB-12-RK4-RS4-0,3/P1	43-10916
					0,6	SAL-FB-12-RK4-RS4-0,6/P1	43-10917
					1,5	SAL-FB-12-RK4-RS4-1,5/P1	43-10918
					3	SAL-FB-12-RK4-RS4-3/P1	43-10919
5	A	60	4	0,34	0,3	SAL-FB-12-RK5-RS5-0,3/P1	43-10920
					0,6	SAL-FB-12-RK5-RS5-0,6/P1	43-10921
					1,5	SAL-FB-12-RK5-RS5-1,5/P1	43-10922
					3	SAL-FB-12-RK5-RS5-3/P1	43-10923



Female connector angled
Male connector axial

PP, orange, Li12Y9Y

4	A	250	4	0,34	0,3	SAL-FB-12-RKW4-RS4-0,3/P1	43-10924
					0,6	SAL-FB-12-RKW4-RS4-0,6/P1	43-10925
					1,5	SAL-FB-12-RKW4-RS4-1,5/P1	43-10926
					3	SAL-FB-12-RKW4-RS4-3/P1	43-10927
5	A	60	4	0,34	0,3	SAL-FB-12-RKW5-RS5-0,3/P1	43-10928
					0,6	SAL-FB-12-RKW5-RS5-0,6/P1	43-10929
					1,5	SAL-FB-12-RKW5-RS5-1,5/P1	43-10930
					3	SAL-FB-12-RKW5-RS5-3/P1	43-10931



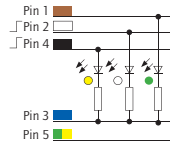
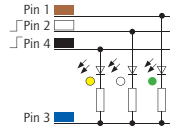
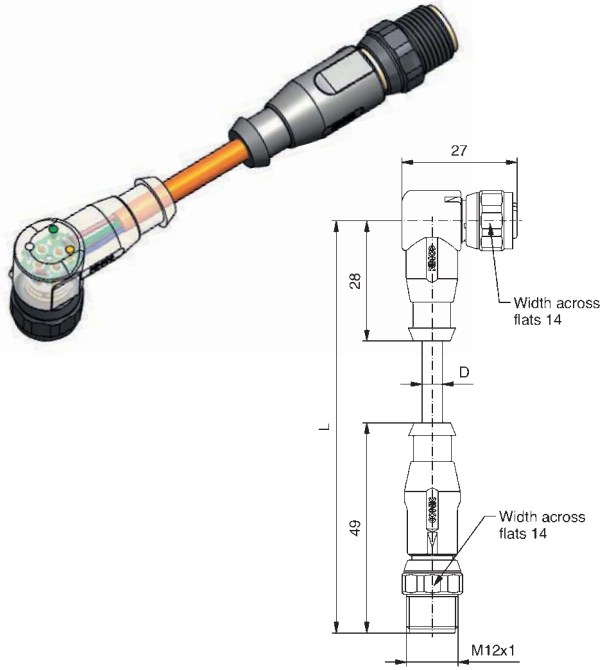
M12x1 F&B CONNECTORS OVERMOULDED
Connecting cable with LED

Female connector angled, 3-LED
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

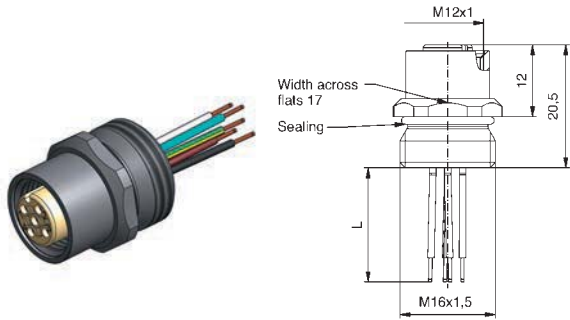
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	30	4	0,34	0,3	SAL-FB-12-RKW4-RS4-3L-0,3/P1	43-11652
					0,6	SAL-FB-12-RKW4-RS4-3L-0,6/P1	43-11653
					1,5	SAL-FB-12-RKW4-RS4-3L-1,5/P1	43-11654
					3	SAL-FB-12-RKW4-RS4-3L-3/P1	43-11655
5	A	30	4	0,34	0,3	SAL-FB-12-RKW5-RS5-3L-0,3/P1	43-11656
					0,6	SAL-FB-12-RKW5-RS5-3L-0,6/P1	43-11657
					1,5	SAL-FB-12-RKW5-RS5-3L-1,5/P1	43-11658
					3	SAL-FB-12-RKW5-RS5-3L-3/P1	43-11659




















M12x1 F&B SOCKETS

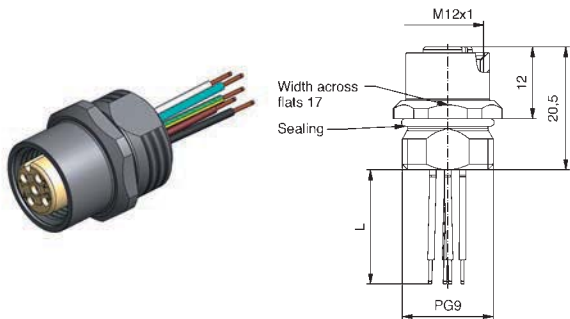
Front panel mounting, wire termination


















Female connector, M16x1.5 thread



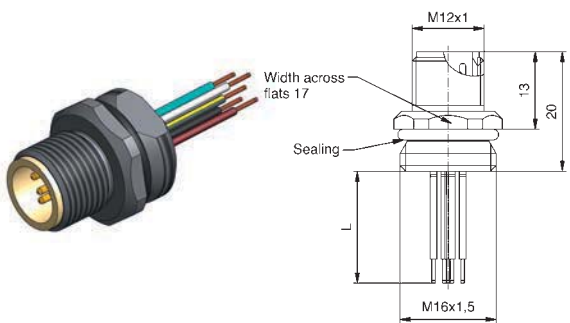
Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-FB-12-FK4-0,5	43-01018
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-FB-12-FK5-0,5	43-01019
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,5	SAL-FB-12-FK8-0,5	43-02823


















Female connector, PG9 thread



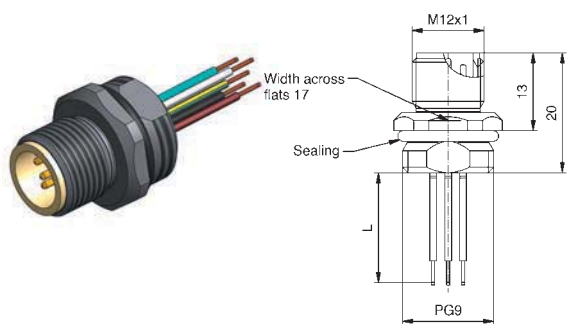
Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-FB-12-FK4-0,5-9	43-01103
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-FB-12-FK5-0,5-9	43-01105
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,5	SAL-FB-12-FK8-0,5-9	43-02452


















Male connector, M16x1.5 thread



Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-FB-12-FS4-0,5	43-01020
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-FB-12-FS5-0,5	43-01021
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,5	SAL-FB-12-FS8-0,5	43-01233

Male connector, PG9 thread

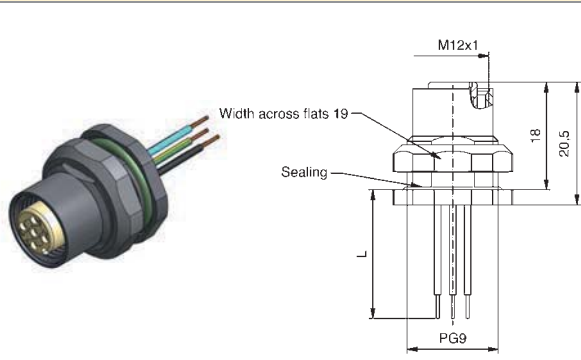


Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-FB-12-FS4-0,5-9	43-01106
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-FB-12-FS5-0,5-9	43-01108
Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,5	SAL-FB-12-FS8-0,5-9	43-02822

M12x1 F&B SOCKETS

Back panel mounting, wire termination

Female connector, PG9 thread



Contact assignment

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

Description

Part No.

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

SAL-FB-12-FKH4-0,5-9

43-02328

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■
- Pin 8 ■

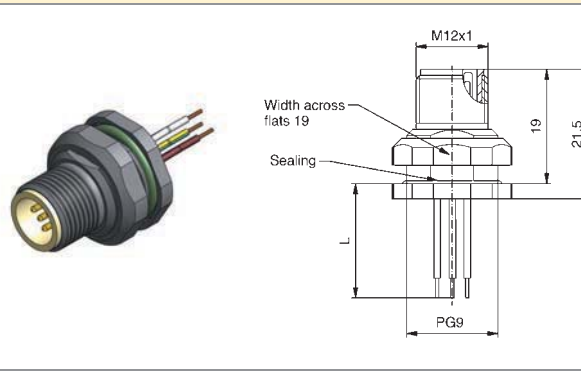
SAL-FB-12-FKH5-0,5-9

43-02329

SAL-FB-12-FKH8-0,5-9

43-02330

Male connector, PG9 thread



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

SAL-FB-12-FSH4-0,5-9

43-02331

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■

SAL-FB-12-FSH5-0,5-9

43-02332

- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■
- Pin 8 ■

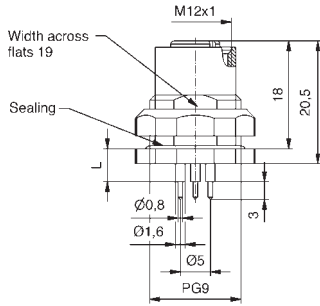
SAL-FB-12-FSH8-0,5-9

43-02333

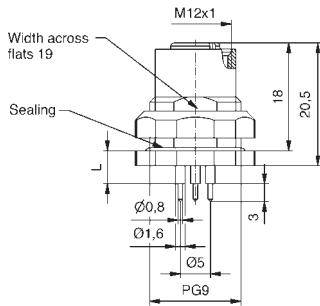
M12x1 F&B SOCKETS

Back panel mounting, dip solder termination

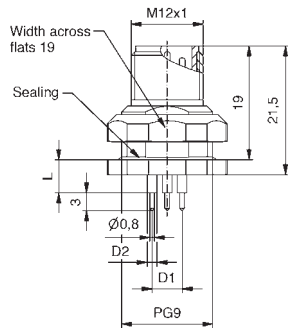
Female connector, PG9 thread



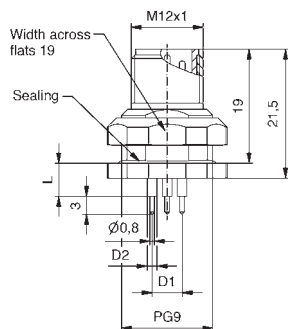
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-FB-12-FKH4-P5,5-9	43-01894
5	A	60	4	5,5	SAL-FB-12-FKH5-P5,5-9	43-01896
8	A	30	2	5,5	SAL-FB-12-FKH8-P5,5-9	43-02340
4	A	250	4	12	SAL-FB-12-FKH4-P12-9	43-01895
5	A	60	4	12	SAL-FB-12-FKH5-P12-9	43-01897
8	A	30	2	12	SAL-FB-12-FKH8-P12-9	43-02341



Male connector, PG9 thread



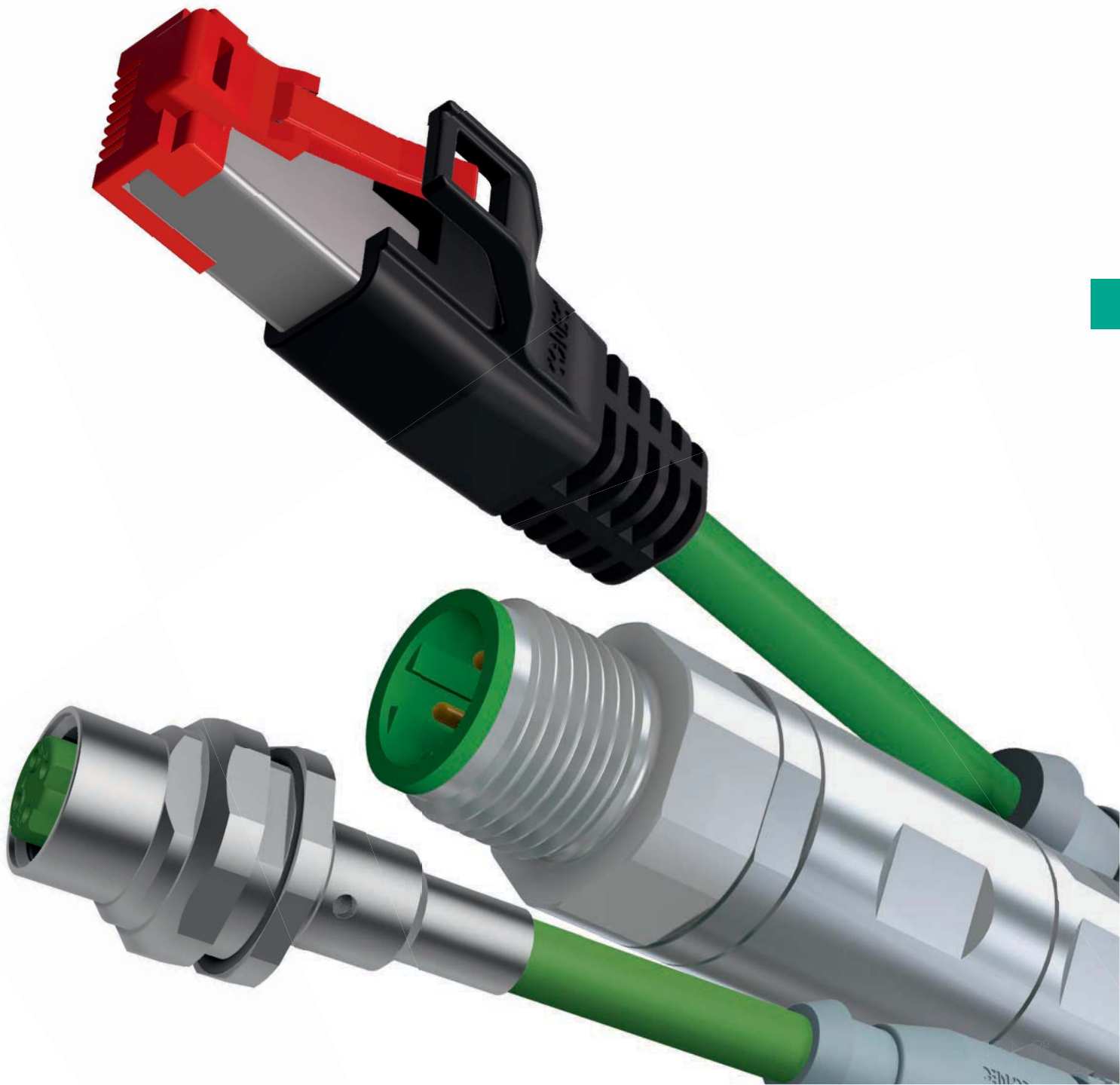
4	A	250	4	5,5	SAL-FB-12-FSH4-P5,5-9	43-02334
5	A	60	4	5,5	SAL-FB-12-FSH5-P5,5-9	43-02335
8	A	30	2	5,5	SAL-FB-12-FSH8-P5,5-9	43-02345
4	A	250	4	12	SAL-FB-12-FSH4-P12-9	43-02336
5	A	60	4	12	SAL-FB-12-FSH4-P12-9	43-02337
8	A	30	2	12	SAL-FB-12-FSH8-P12-9	43-02346



SECTION 9

CONNECTORS FOR BUS SYSTEMS





SAL CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz/ETHERNET 10 GBIT/S

Nomenclature

S A L - 8 B - R K W 4 - 3 / G 4

SAL
Sensor Actor Line

Installation size
8 = M8x1
12 = M12x1
45 = RJ45

Coding
B = B-coding
D = D-coding
S = Standard, shielded (M8x1)
X = X-coding

Design
R = Circular connector
S = Special connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled
A = Termination plug

Number of poles
4 = 4-pos.
8 = 8-pos.

Cable length
XX = Length [m]

Cable quality
G4 = TPU, violet, UL, AWG 22
G5 = PVC, violet, UL, AWG 22
G6 = TPU, green, for drag chain applications, UL, AWG 22
G7 = TPU, violet, for drag chain applications, UL, AWG 23
GG = TPU, waterblue, S-FTP, CAT 6, AWG 26

SAL M8x1 CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz/ETHERNET 10 GBIT/S

Product specification

Basic material	
Contact	CuZn / CuSn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94 / PPA
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni
Shield sleeve	CuZn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-101	X-coding: IEC 61076-2-109
Current rating	IEC 61076-2-101	X-coding: IEC 61076-2-109
Insulation resistance	IEC 60512	
Degree of pollution	IEC 60664-1	
Degree of protection	IEC 60529	
Mating cycles	IEC 60512-9a	

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-BUS/DEVICENET

Nomenclature

S A L - D N - 1 2 - R K 4 - 3 / G C

SAL
Sensor Actor Line

BUS
CN = CAN-Bus
DN = DeviceNet

Installation size
12 = M12x1
7/8 = 7/8"

Coding
S = A-coding shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled
A = Termination plug

Number of poles
4 = 4-pos.
5 = 5-pos.

Cable length
XX = Length [m]

Cable quality
GC = PVC, grey, UL
GJ = TPU, violet, UL
GU = PVC, violet

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-BUS/DEVICENET

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94 / TPU GF, UL 94 / PA UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / CuZn, Ni

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	7/8"	M12x1
Rated voltage	IEC 60664-1	IEC 61076-2-101
Overvoltage category	IEC 60664-1 2	
Rated voltage	IEC 60664-1 2.7kV	
Current rating	IEC 60512-3	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Nomenclature

S A L - 1 2 B - R S 5 - 1 2 - R K 5 - 1 2 - R S 5

SAL
Sensor Actor Line

CONNECTION

Installation size
12 = M12x1

Coding
B = B-coding

Design
R = Circular connector

Gender
S = Male connector
K = Female connector

Number of poles
5 = 5-pos.

ALLOCATION

Installation size
12 = M12x1

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Number of poles
5 = 5-pos.

Installation size
12 = M12x1

Design
R = Circular connector

Gender
S = Male connector
F = Female connector

Number of poles
5 = 5-pos.

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Overmould	Thermoplastic elastomere
Sealing	FPM

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

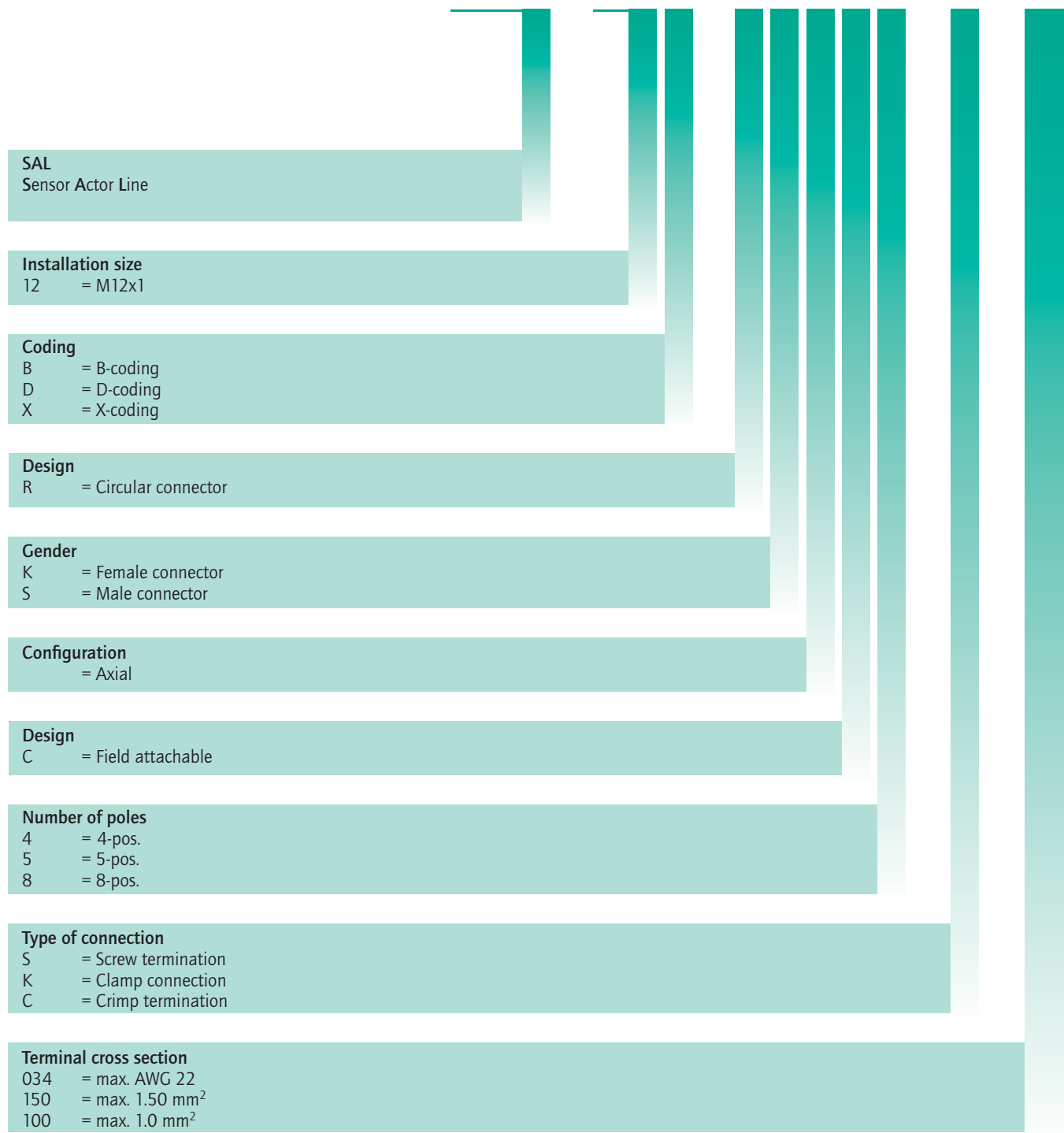
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 GBIT/S

Nomenclature

S A L - 1 2 B - R K C 4 - S / 150



SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 GBIT/S

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94
Housing	GD-Zn, Ni
Clamp-/screw contact	Stainless steel, nickel plated
Screw termination	CuZn / Ni, Sn gal.
Cable sealing	Elastomere
Sealing	FPM / NBR
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 X-coding = IEC 61076-2-109
Current rating	IEC 61076-2-101 X-coding = IEC 61076-2-109
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 GBIT/S

Nomenclature

S A L - 1 2 B - F K P W 4 - 0.5 - 9 / / SMT

SAL
Sensor Actor Line

Installation size

12 = M12x1
45 = RJ45

Coding

B = B-coding
D = D-coding
X = X-coding

Design

F = Socket
S = Special connector
I = Insulation body

Gender

K = Female connector
S = Male connector

Assembly

= Front panel mounting
P = Positioning possible, Front panel mounting
H = Back panel mounting

Configuration

= Axial
W = Angled
V = Square flange

Number of poles

4 = 4-pos.
8 = 8-pos.

Type of connection/Installation height

P5.5 = Dip solder 5.5 mm	X5.5 = Dip solder 5.5 mm	L = Solder termination
P6.75 = Dip solder 6.75 mm	X7.2 = Dip solder 7.2 mm	
P12 = Dip solder 12 mm	X9 = Dip solder 9 mm	
XX = Wire/Cable length [m]	X10 = Dip solder 10 mm	
	X13 = Dip solder 13 mm	

Pxx = Installation height one-piece socket
Xxx = Installation height two-piece socket

Screw connection

= M16x1.5	20 = Square flange 20 x 20
12 = M12x1	26 = Square flange 26 x 26
9 = PG9	

Cable quality

G4 = TPU, violet, UL, AWG 22
G5 = PVC, violet, UL, AWG 22
G6 = TPU, green, UL, AWG 22

Termination

= manual assembly
SMT = Surface Mount Technology (Reflow Soldering)
THR = Through Hole Reflow (Reflow Soldering)
WD = Wall busting

SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 GBIT/S

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94 / PA GF, UL 94, LCP GF
Sealing	FPM / NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Sealing compound	Polyurethane-resin, UL 94
Shroud	Spring steel
Shroud surface	Sn gal.

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 61076-2-101 X-coding = IEC 61076-2-109
Current rating	IEC 61076-2-101 X-coding = IEC 61076-2-109
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 1-1.2 Nm

Technical subject to change without notice.

SAL D-SUB

Nomenclature

S A L - D S - S K S W 9 F

SAL
Sensor Actor Line

Installation size
DS = D-SUB

Design
S = Specific

Building
= Without programming interface
K = With programming interface

Configuration
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
9 = 9-pos.

Cable-connection
= Quick connection IDC, inflexible conductor
F = Quick connection IDC, flexible conductor
S = Screw termination

SAL D-SUB

Product specification

Basic material	
Contact D-SUB	CuZn
Contact plating D-SUB	Nickel plated, gold plated
IDC-Contact	CuSn
Housing	Thermoplastic chrome-plated
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Degree of protection	IEC 60529

Technical subject to change without notice.

SAL M12x1 / 7/8" SOCKETS/CAN-BUS/DEVICENET

Nomenclature

S A L - D N - 1 2 - F K H 4 - 0.5 / G J

SAL
Sensor Actor Line

BUS
DN = DeviceNet
CN = CAN-Bus

Installation size
12 = M12x1
7/8 = 7/8"

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
H = Back panel mounting

Configuration
= Axial

Number of poles
4 = 4-pos.
5 = 5-pos.

Length
XX = Wire/Cable length [m]

Cable quality
GJ = TPU, violet, UL

SAL M12x1 / 7/8" SOCKETS / CAN-BUS / DEVICENET

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Sealing	FPM / NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Sealing compound	Polyurethane-resin, UL 94

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

	7/8"	M12x1
Rated voltage	IEC 60664-1	IEC 61076-2-101
Overvoltage category	IEC 60664-1 2	
Rated voltage	IEC 60664-1 2.7kV	
Current rating	IEC 60512-3	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque: 1.2 Nm

Technical subject to change without notice.

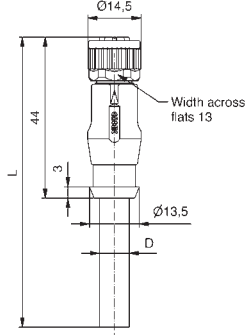
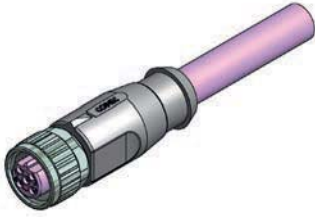
**M12x1 PROFIBUS DP OVERMOULDED
360° Shielding**

Female connector axial

PVC, UL, violet, O2YSY(ST)CY

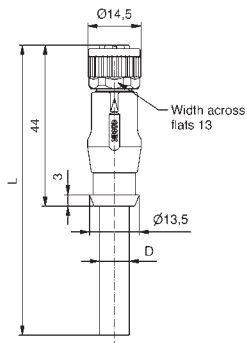
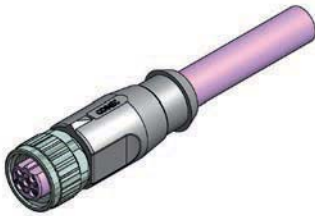
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	2	SAL-12B-RK4.1-2 / G5	43-11601
					3	SAL-12B-RK4.1-3 / G5	43-11602
					5	SAL-12B-RK4.1-5 / G5	43-11603
					10	SAL-12B-RK4.1-10 / G5	43-11604



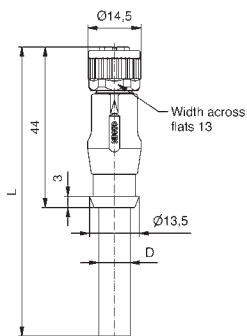
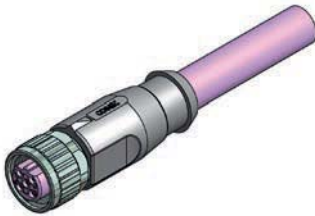
TPU, UL, violet, O2YSH(ST)CH

4	B	160	4	2 x 22	2	SAL-12B-RK4.1-2 / G4	43-10932
					3	SAL-12B-RK4.1-3 / G4	43-10933
					5	SAL-12B-RK4.1-5 / G4	43-10934
					10	SAL-12B-RK4.1-10 / G4	43-10935



TPE, UL, highflexible, violet, O2YS(ST)C11Y

4	B	160	4	2 x 23	2	SAL-12B-RK4.1-2 / G7	43-11605
					3	SAL-12B-RK4.1-3 / G7	43-11606
					5	SAL-12B-RK4.1-5 / G7	43-11607
					10	SAL-12B-RK4.1-10 / G7	43-11608



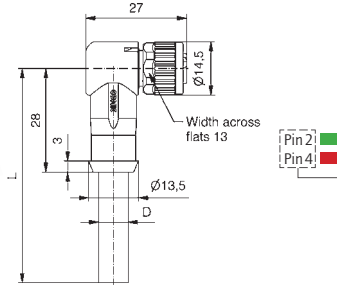
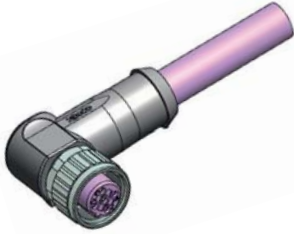
**M12x1 PROFIBUS DP OVERMOULDED
360° Shielding**

Female connector angled

PVC, UL, violet, O2YSY(ST)CY

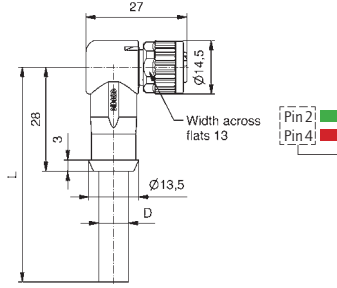
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	2	SAL-12B-RKW4.1-2/G5	43-12471
					3	SAL-12B-RKW4.1-3/G5	43-12472
					5	SAL-12B-RKW4.1-5/G5	43-12473
					10	SAL-12B-RKW4.1-10G5	43-12474



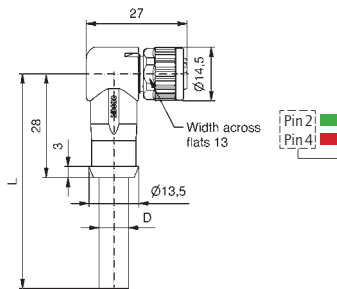
TPU, UL, violet, O2YSH(ST)CH

4	B	160	4	2 x 22	2	SAL-12B-RKW4.1-2/G4	43-12475
					3	SAL-12B-RKW4.1-3/G4	43-12476
					5	SAL-12B-RKW4.1-5/G4	43-12477
					10	SAL-12B-RKW4.1-10G4	43-12478



TPE, UL, highflexible, violet, O2YS(ST)C11Y

4	B	160	4	2 x 23	2	SAL-12B-RKW4.1-2/G7	43-12479
					3	SAL-12B-RKW4.1-3/G7	43-12480
					5	SAL-12B-RKW4.1-5/G7	43-12481
					10	SAL-12B-RKW4.1-10G7	43-12482



M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Male connector axial

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

Number of poles

Coding

Rated voltage [V]

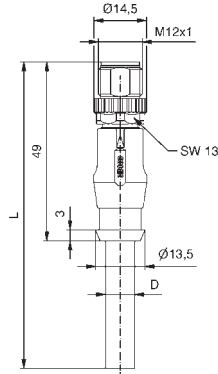
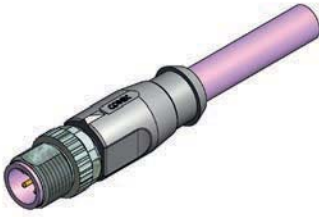
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

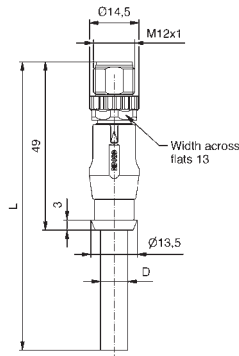
Description

Part No.



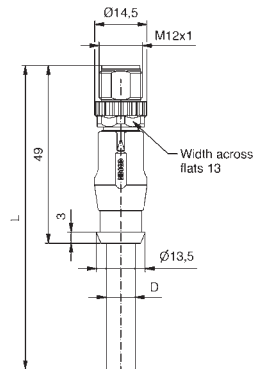
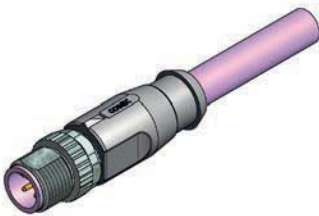
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2	2 x 22	SAL-12B-RS4.1-2/G5	43-11609
						SAL-12B-RS4.1-3/G5	43-11610
						SAL-12B-RS4.1-5/G5	43-11611
						SAL-12B-RS4.1-10/G5	43-11612

TPU, UL, violet, O2YSH(ST)CH



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2	2 x 22	SAL-12B-RS4.1-2/G4	43-10936
						SAL-12B-RS4.1-3/G4	43-10937
						SAL-12B-RS4.1-5/G4	43-10938
						SAL-12B-RS4.1-10/G4	43-10939

TPE, UL, highflexible, violet, O2YS(ST)C11Y



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2	2 x 23	SAL-12B-RS4.1-2/G7	43-11613
						SAL-12B-RS4.1-3/G7	43-11614
						SAL-12B-RS4.1-5/G7	43-11615
						SAL-12B-RS4.1-10/G7	43-11616

M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Male connector angled

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

Number of poles

Coding

Rated voltage [V]

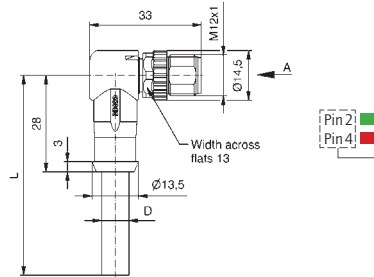
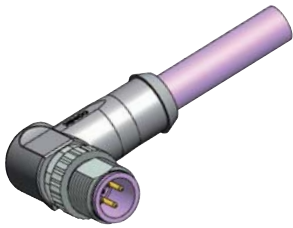
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

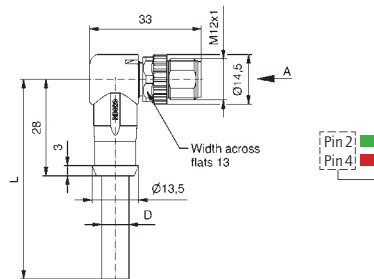
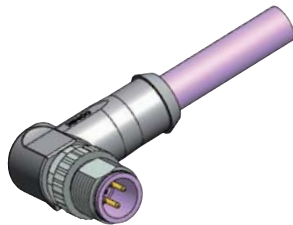
Description

Part No.



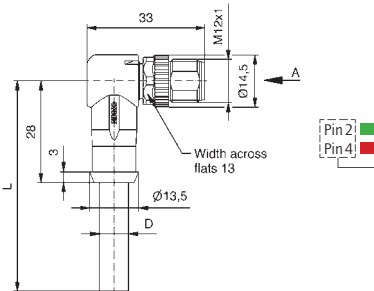
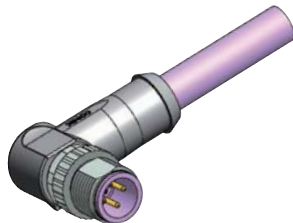
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
2						SAL-12B-RSW4.1-2 / G5 / A1090	43-14930
3						SAL-12B-RSW4.1-3 / G5 / A1090	43-14931
4	B	160	4		2 x 22	SAL-12B-RSW4.1-5 / G5 / A1090	43-14932
5						SAL-12B-RSW4.1-10 / G5 / A1090	43-14933

TPU, UL, violet, O2YSH(ST)CH



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
2						SAL-12B-RSW4.1-2 / G4 / A1090	43-14934
3						SAL-12B-RSW4.1-3 / G4 / A1090	43-14935
4	B	160	4		2 x 22	SAL-12B-RSW4.1-5 / G4 / A1090	43-14936
5						SAL-12B-RSW4.1-10 / G4 / A1090	43-14937

TPE, UL, highflexible, violet, O2YS(ST)C11Y



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
2						SAL-12B-RSW4.1-2 / G7 / A1090	43-14938
3						SAL-12B-RSW4.1-3 / G7 / A1090	43-14939
4	B	160	4		2 x 23	SAL-12B-RSW4.1-5 / G7 / A1090	43-14940
5						SAL-12B-RSW4.1-10 / G7 / A1090	43-14941

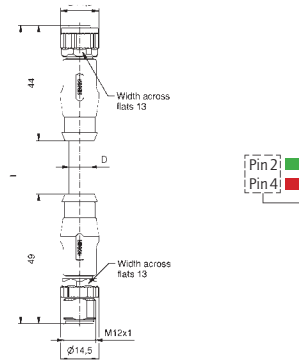
M12x1 PROFIBUS DP OVERMOULDED Connecting cable with 360° Shielding

Female connector axial
Male connector axial

PVC, UL, violet, O2YSY(ST)CY

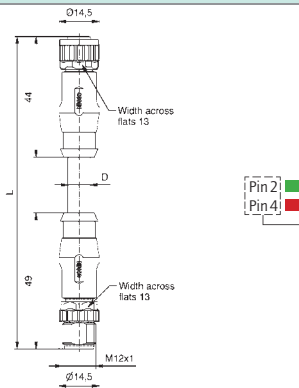
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	0,3	2 x 22	SAL-12B-RK4.1-RS4.1-0,3/G5	43-11617
						SAL-12B-RK4.1-RS4.1-0,6/G5	43-11618
						SAL-12B-RK4.1-RS4.1-1,5/G5	43-11619
						SAL-12B-RK4.1-RS4.1-3/G5	43-11620



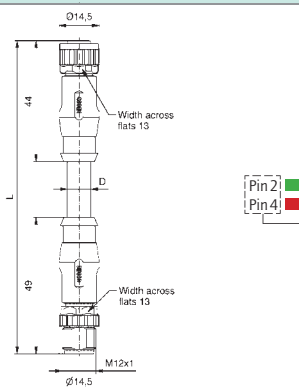
TPU, UL, violet, O2YSH(ST)CH

4	B	160	4	0,3	2 x 22	SAL-12B-RK4.1-RS4.1-0,3/G4	43-10940
						SAL-12B-RK4.1-RS4.1-0,6/G4	43-10941
						SAL-12B-RK4.1-RS4.1-1,5/G4	43-10942
						SAL-12B-RK4.1-RS4.1-3/G4	43-10943



TPE, UL, highflexible, violet, O2YS(ST)C11Y

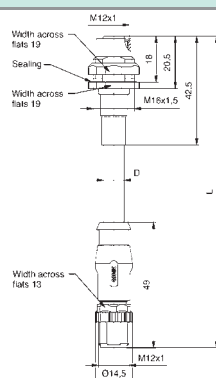
4	B	160	4	0,3	2 x 23	SAL-12B-RK4.1-RS4.1-0,3/G7	43-11228
						SAL-12B-RK4.1-RS4.1-0,6/G7	43-11621
						SAL-12B-RK4.1-RS4.1-1,5/G7	43-11622
						SAL-12B-RK4.1-RS4.1-3/G7	43-11623



Female socket axial, Back panel mounting
Male connector axial, overmoulded

TPU, UL, violet, O2YSH(ST)CH

4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-RS4.1-0,5/G4	43-01669
				1		SAL-12B-FKH4.1-RS4.1-1/G4	43-01670
				2		SAL-12B-FKH4.1-RS4.1-2/G4	43-01671



**M12x1 PROFIBUS DP OVERMOULDED
360° Shielding**

Termination plug

Male connector axial

Contact assignment

Number of poles

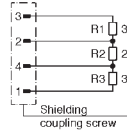
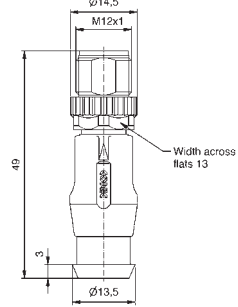
Coding

Rated voltage [V]

Current rating [A]

Description

Part No.



4

B

160

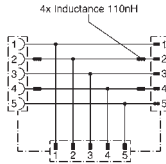
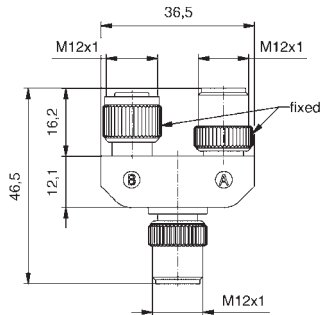
SAL-12B-RSA4.1

43-12483

Y-SPLITTER

Male connector M12x1

Female connector M12x1 – Male connector M12x1



5

B

60

4

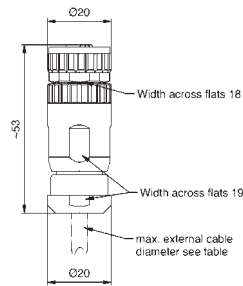
SAL-12B-RS5-RK5-RS5

43-11210

M12x1 PROFIBUS DP FIELD ATTACHABLE 360° Shielding

Screw termination

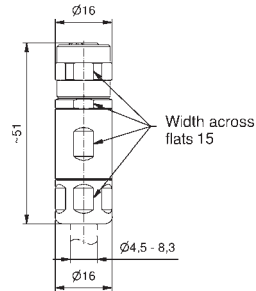
Female connector, axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
4	B	250	7,5	4-8	0,25 - 1,50	SAL-12B-RKC4-S/150	43-00292
5	B	60	7,5	4-8	0,25 - 1,50	SAL-12B-RKC5-S/150	43-00293

Crimp termination

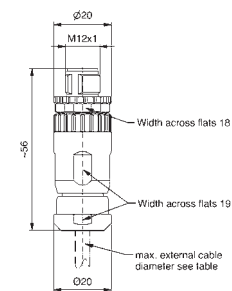
Female connector, axial



4	B	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12B-RKC4-C/100	43-00414
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Screw termination

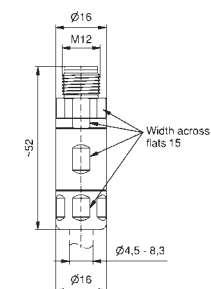
Male connector, axial



4	B	250	7,5	4-8	0,25 - 1,50	SAL-12B-RSC4-S/150	43-00294
5	B	60	7,5	4-8	0,25 - 1,50	SAL-12B-RSC5-S/150	43-00295

Crimp termination

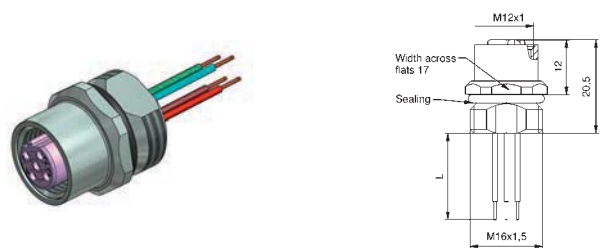

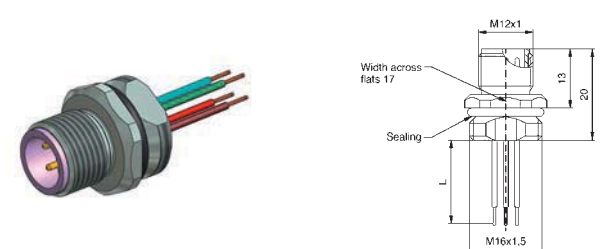
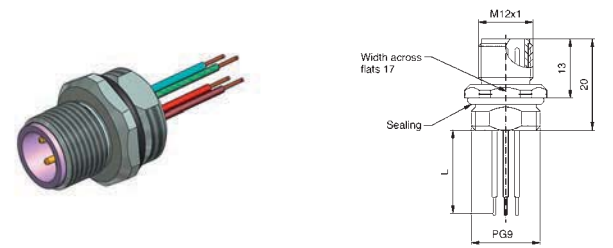
Male connector axial



4	B	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12B-RSC4-C/100	43-00415
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M12x1 PROFIBUS DP SOCKETS


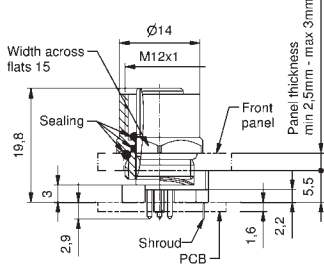
Front panel mounting, Wire termination

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [m]	Wire cross section [AWG]	Description	Part No.
Female connector, M16x1.5 thread 		4	B	250	4	PVC	0,5	22	SAL-12B-FK4.3-0,5	43-01042
Female connector, PG9 thread 		4	B	250	4	PVC	0,5	22	SAL-12B-FK4.3-0,5-9	43-01109
Male connector, M16x1.5 thread 		4	B	250	4	PVC	0,5	22	SAL-12B-FS4.3-0,5	43-01043
Male connector, PG9 thread 		4	B	250	4	PVC	0,5	22	SAL-12B-FS4.3-0,5-9	43-01110

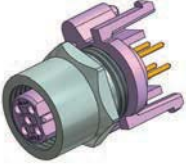
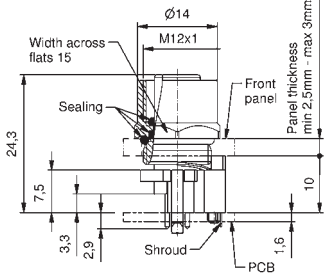
M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Dip solder termination

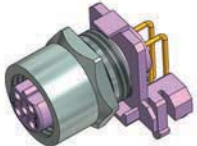
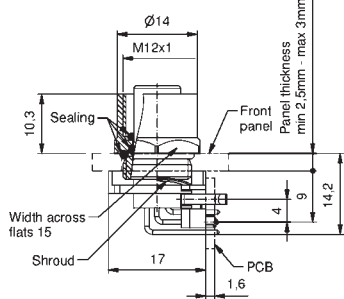
Two-piece female connector, axial with shroud, installation height 5.5 mm

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	4	B	250	4	5,5	SAL-12B-FK4-X5,5	43-01216

Two-piece female connector, axial with shroud, installation height 10 mm

 	4	B	250	4	10	SAL-12B-FK4-X10	43-01212
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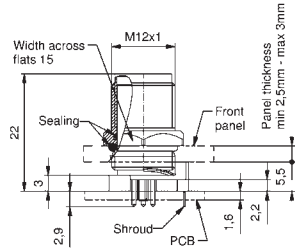
Two-piece female connector, angled with shroud

 	4	B	250	4		SAL-12B-FKW4	43-01224
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M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Dip solder termination

Two-piece male connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

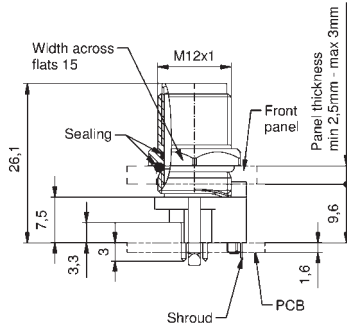
4

5,5

SAL-12B-FS4-X5,5

43-01218

Two-piece male connector, axial with shroud, installation height 10 mm



4

B

250

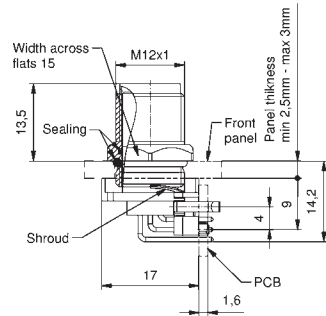
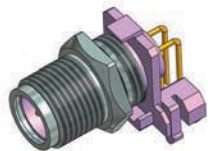
4

10

SAL-12B-FS4-X10

43-01214

Two-piece male connector, angled with shroud



4

B

250

4

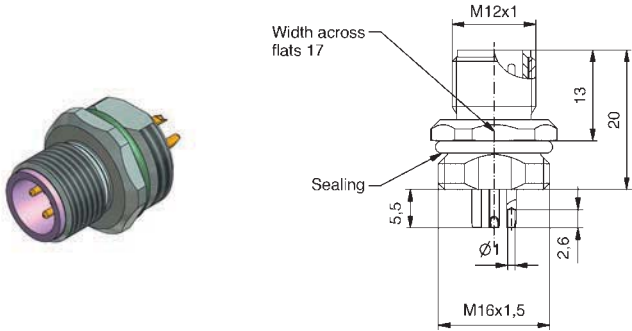
SAL-12B-FSW4

43-01226

M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Solder termination/Solder cup

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

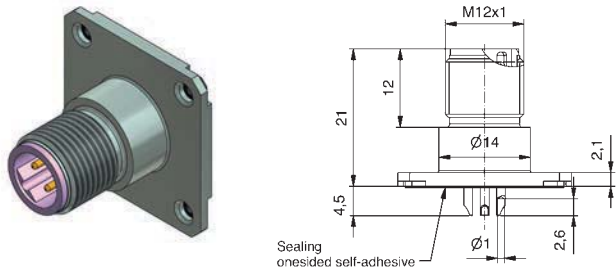
4

5,5

SAL-12B-FS4-L

43-02296

Male connector, square flange 26 mm



4

B

250

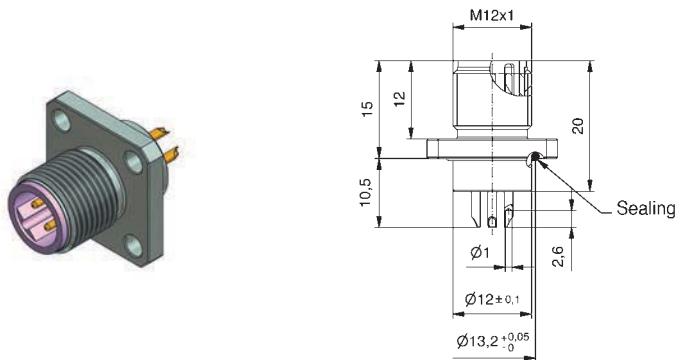
4

4,5

SAL-12B-FSV4-L-26

43-02305

Male connector, square flange 20 mm



4

B

250

4

10,5

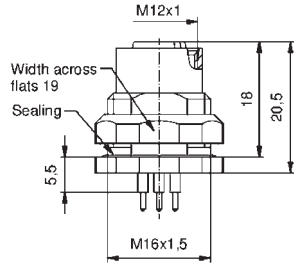
SAL-12B-FSV04-L-20

43-02302

M12x1 PROFIBUS DP SOCKETS

Back panel mounting, Dip solder termination

Female connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

4

5,5

SAL-12B-FKH4-P5,5

43-01123

4

B

250

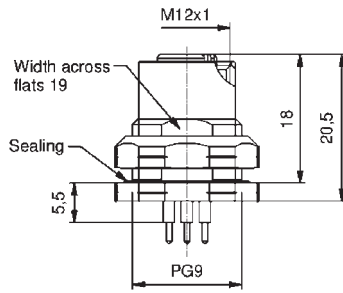
4

12

SAL-12B-FKH4-P12

43-01124

Female connector, PG9 thread



4

B

250

4

5,5

SAL-12B-FKH4-P5,5-9

43-01249

4

B

250

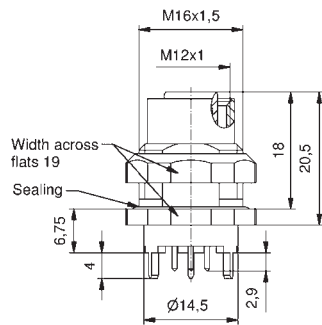
4

12

SAL-12B-FKH4-P12-9

43-01250

Female connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

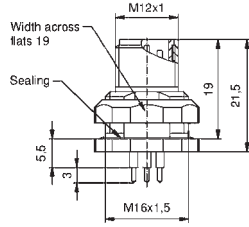
SAL-12B-FKH4-P6,75

43-01689

M12x1 PROFIBUS DP SOCKETS

Back panel mounting, Dip solder termination

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

4

5,5

SAL-12B-FSH4-P5,5

43-01125

4

B

250

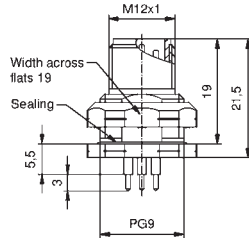
4

12

SAL-12B-FSH4-P12

43-01126

Male connector, PG9 thread



4

B

250

4

5,5

SAL-12B-FSH4-P5,5-9

43-01251

4

B

250

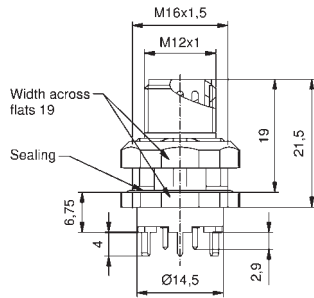
4

12

SAL-12B-FSH4-P12-9

43-01252

Male connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

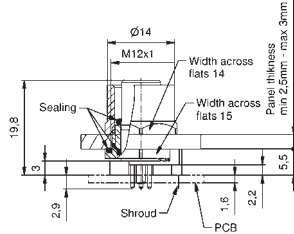
SAL-12B-FSH4-P6,75

43-02207

M12x1 PROFIBUS DP SOCKETS with shroud

Back panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

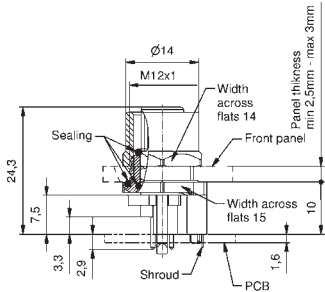
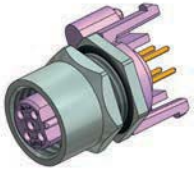
4

5,5

SAL-12B-FKH4-X5,5

43-01217

Two-piece female connector, axial with shroud, installation height 10 mm



4

B

250

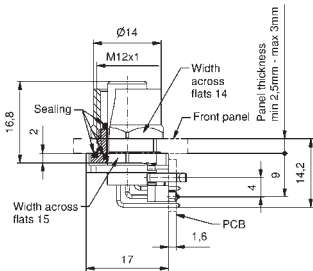
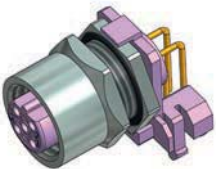
4

10

SAL-12B-FKH4-X10

43-01213

Two-piece female connector, angled with shroud



4

B

250

4

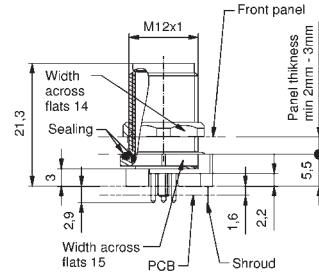
SAL-12B-FKHW4

43-01225

M12x1 PROFIBUS DP SOCKETS with shroud

Back panel mounting, Dip solder termination

Two-piece male connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

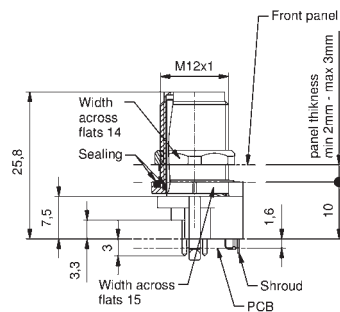
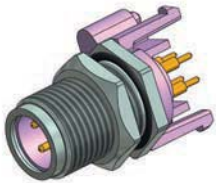
4

5,5

SAL-12B-FSH4-X5,5

43-01219

Two-piece male connector, axial with shroud, installation height 10 mm



4

B

250

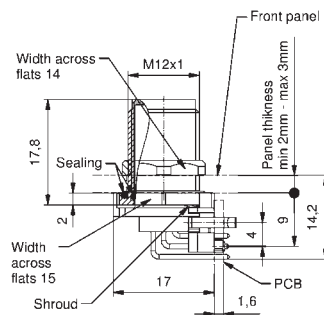
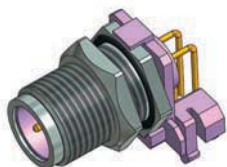
4

10

SAL-12B-FSH4-X10

43-01215

Two-piece male connector, angled with shroud



4

B

250

4

SAL-12B-FSHW4

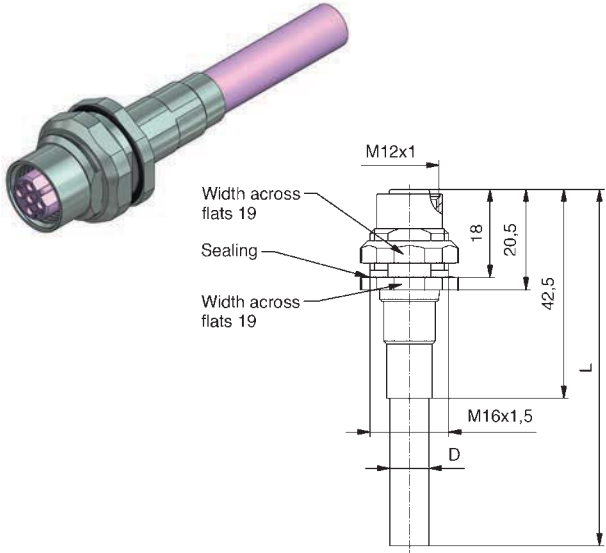
43-01227

M12x1 PROFIBUS DP SOCKETS 360° Shielding

Back panel mounting with cable

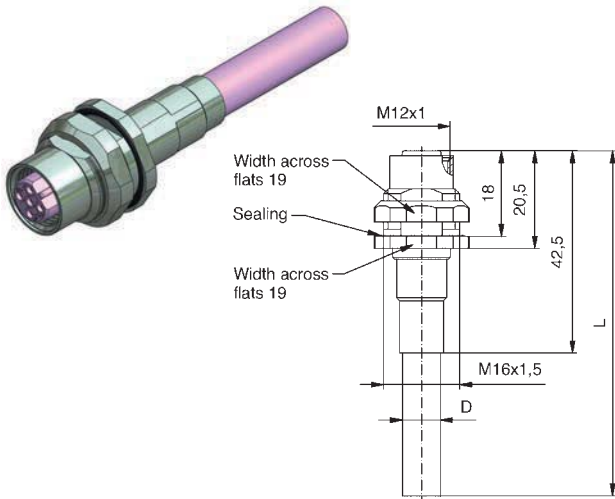
Female connector, M16x1.5 thread, PVC, UL, violet, O2YSY(ST)CY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-0,5/ G5	43-01654
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-1/ G5	43-01655
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-2/ G5	43-01656

Female connector, M16x1.5 thread, TPU, UL, violet, O2YSH(ST)CH



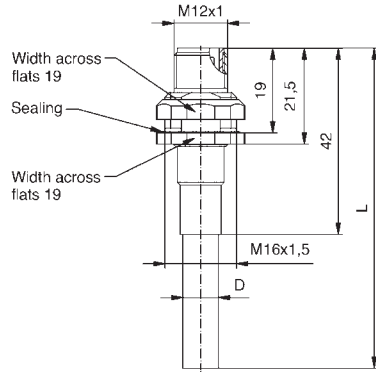
4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-0,5/ G4	43-01648
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-1/ G4	43-01649
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-2/ G4	43-01650

M12x1 PROFIBUS DP SOCKETS 360° Shielding

Back panel mounting with cable

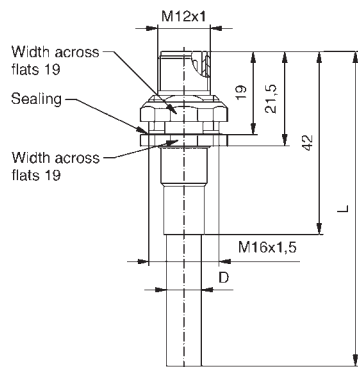
Male connector, M16x1.5 thread, PVC, UL, violet, O2YSY(ST)CY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	0,5	2 x 22	SAL-12B-FSH4.1-0,5/ G5	43-01657
4	B	160	4	1	2 x 22	SAL-12B-FSH4.1-1/ G5	43-01658
4	B	160	4	2	2 x 22	SAL-12B-FSH4.1-2/ G5	43-01659


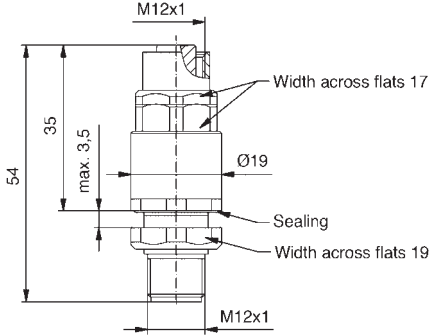
Male connector, M16x1.5 thread, TPU, UL, violet, O2YSH(ST)CH



4	B	160	4	0,5	2 x 22	SAL-12B-FSH4.1-0,5/ G4	43-01651
4	B	160	4	1	2 x 22	SAL-12B-FSH4.1-1/ G4	43-01652
4	B	160	4	2	2 x 22	SAL-12B-FSH4.1-2/ G4	43-01653

M12x1 PROFIBUS DP
Lead through for switch case

FlanschMale connector (inflexible)
Female socket (flexible)

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
		4	B	250	4			SAL-12B-FSH4-FKP4-WD	43-01693

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Male connector/Female connector M12x1 axial, 4-pos.

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

Number of poles

Coding

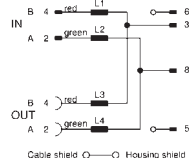
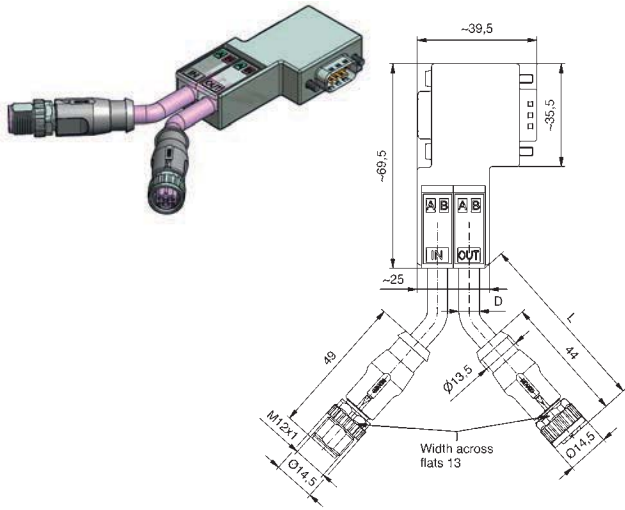
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



0,5

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G5

43-11756

1

2 x 22

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G5

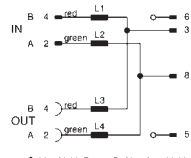
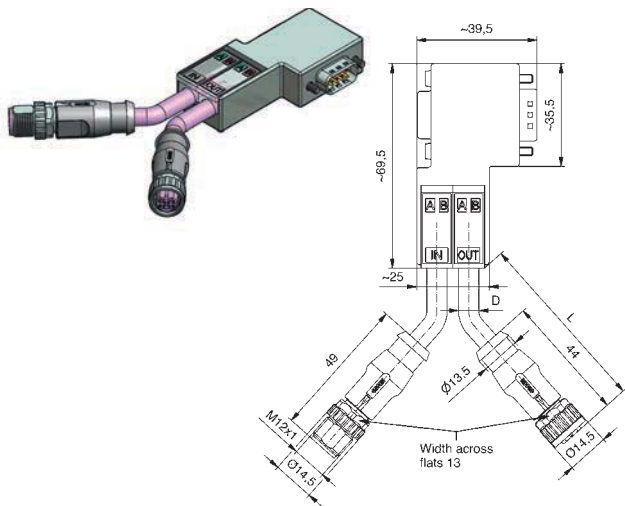
43-11757

2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G5

43-11758

TPU, UL, violet, O2YSH(ST)CH



0,5

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G4

43-11753

1

2 x 22

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G4

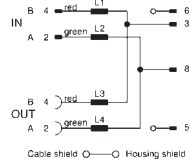
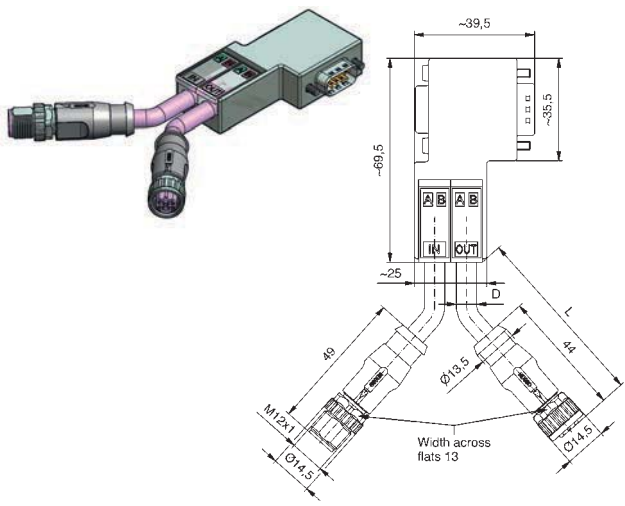
43-11754

2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G4

43-11755

TPE, UL, highflexible, violet, O2YS(ST)C11Y



0,5

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G7

43-11759

1

2 x 23

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G7

43-11760

2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G7

43-11761

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Male connector M12x1 axial, 4-pos.

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

Number of poles

Coding

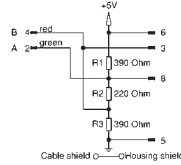
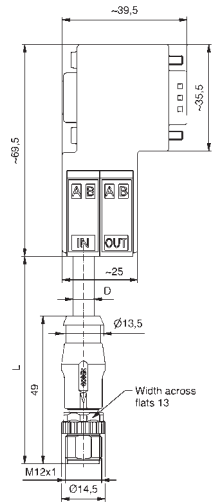
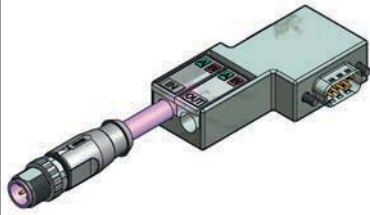
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



9/4

B

4,75 - 5,25 V DC

3

2 x 22

SAL-DS-SKSW9-12B-RS4.1-2/G5

43-11747

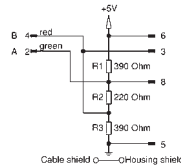
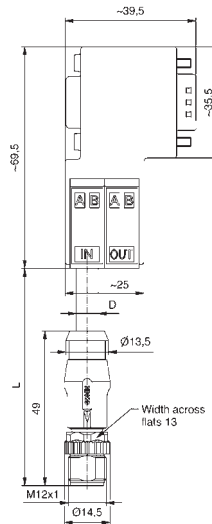
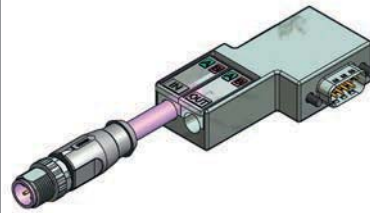
SAL-DS-SKSW9-12B-RS4.1-3/G5

43-11748

SAL-DS-SKSW9-12B-RS4.1-5/G5

43-11749

TPU, UL, violet, O2YSH(ST)CH



9/4

B

4,75 - 5,25 V DC

3

2 x 22

SAL-DS-SKSW9-12B-RS4.1-2/G4

43-11744

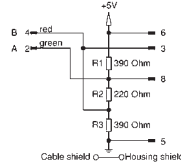
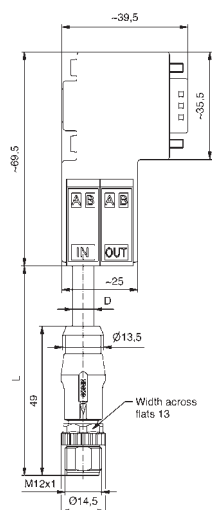
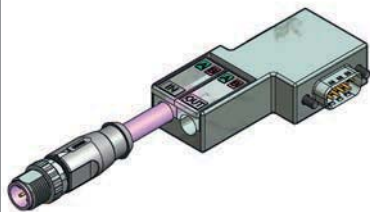
SAL-DS-SKSW9-12B-RS4.1-3/G4

43-11745

SAL-DS-SKSW9-12B-RS4.1-5/G4

43-11746

TPE, UL, highflexible, violet, O2YS(ST)C11Y



9/4

B

4,75 - 5,25 V DC

3

2 x 23

SAL-DS-SKSW9-12B-RS4.1-2/G7

43-11750

SAL-DS-SKSW9-12B-RS4.1-3/G7

43-11751

SAL-DS-SKSW9-12B-RS4.1-5/G7

43-11752

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Female connector M12x1 axial, 4-pos.

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

Number of poles

Coding

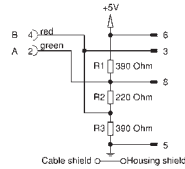
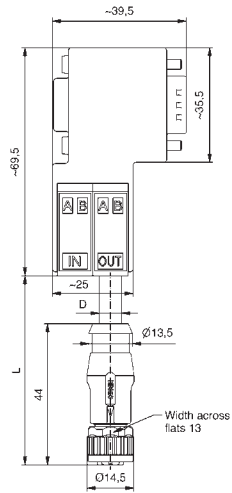
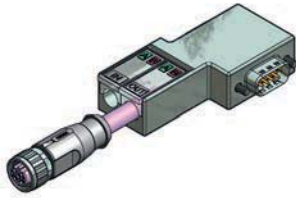
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



9/4

B

4,75 - 5,25 V DC

2

2 x 22

SAL-DS-SKSW9-12B-RK4.1-2 / G5

43-11738

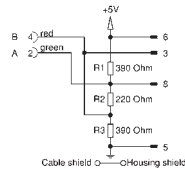
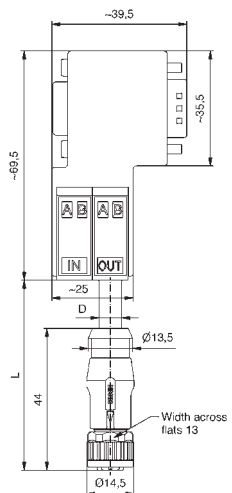
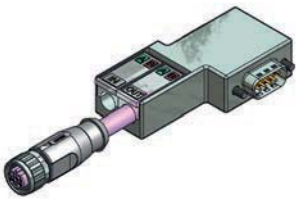
SAL-DS-SKSW9-12B-RK4.1-3 / G5

43-11739

SAL-DS-SKSW9-12B-RK4.1-5 / G5

43-11740

TPU, UL, violet, O2YSH(ST)CH



9/4

B

4,75 - 5,25 V DC

2

2 x 22

SAL-DS-SKSW9-12B-RK4.1-2 / G4

43-11735

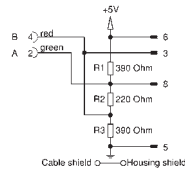
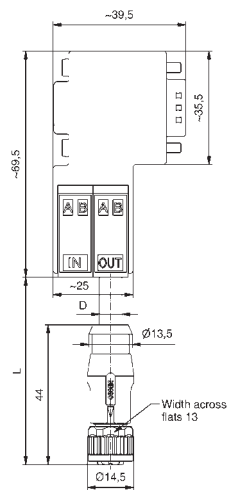
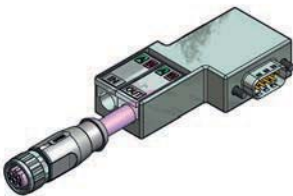
SAL-DS-SKSW9-12B-RK4.1-3 / G4

43-11736

SAL-DS-SKSW9-12B-RK4.1-5 / G4

43-11737

TPE, UL, highflexible, violet, O2YS(ST)C11Y



9/4

B

4,75 - 5,25 V DC

2

2 x 23

SAL-DS-SKSW9-12B-RK4.1-2 / G7

43-11741

SAL-DS-SKSW9-12B-RK4.1-3 / G7

43-11742

SAL-DS-SKSW9-12B-RK4.1-5 / G7

43-11743

SOCKETS FÜR BUS-SYSTEMS
D-SUB auf M12x1 – Profibus DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
 Female socket, M12x1, axial 4-pos. Back panel mounting

TPU, UL, violet, O2YSH(ST)CH

Contact assignment

Number of poles

Coding

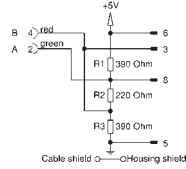
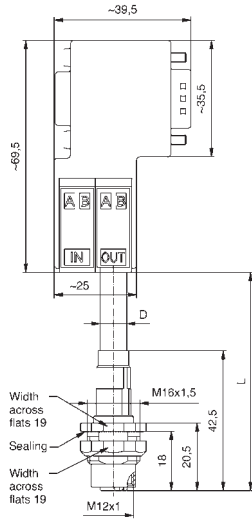
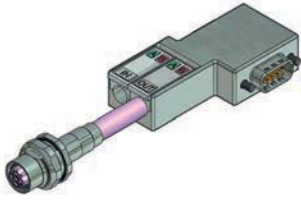
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



9/4

B

160 V

1

2 x 22

SAL-DS-SKSW9-12B-FKH4.1-1/G4

43-01676

2

SAL-DS-SKSW9-12B-FKH4.1-2/G4

43-01677

M8x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED 360° Shielding

Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

Number of poles

Coding

Rated voltage [V]

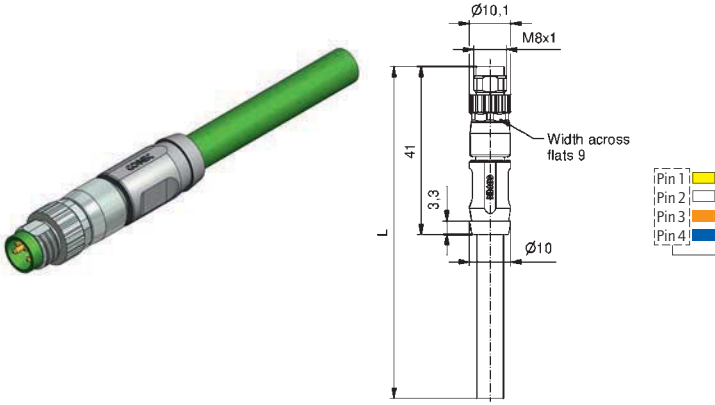
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

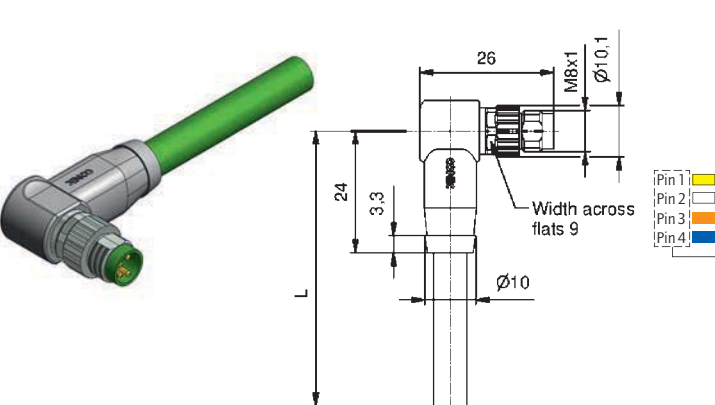
Description

Part No.

	2	4	30	3	4 x 22	SAL-8S-RS4.2-2-/ G6/034	42-13469
	3					SAL-8S-RS4.2-3-/ G6/034	42-13470
	5					SAL-8S-RS4.2-5-/ G6/034	42-13471
	10					SAL-8S-RS4.2-10-/ G6/034	42-13472

Male connector angled

TPU, UL, halogenfree, green, Cat 5e


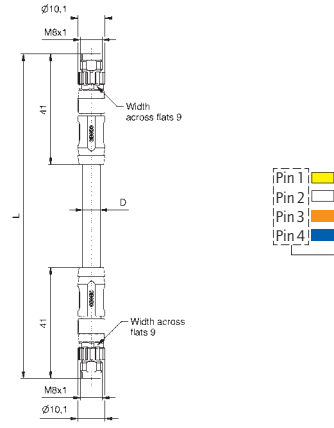
	2	4	30	3	4 x 22	SAL-8S-RSW4.2-2-/ G6/034	42-13473
	3					SAL-8S-RSW4.2-3-/ G6/034	42-13474
	5					SAL-8S-RSW4.2-5-/ G6/034	42-13475
	10					SAL-8S-RSW4.2-10-/ G6/034	42-13476

M8x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED Connecting cable with 360° Shielding

Male connector axial
Male connector axial


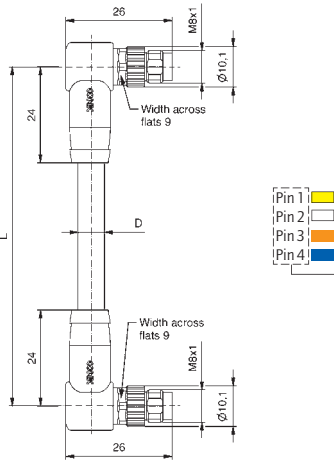
TPU, UL, halogenfree, green, Cat 5e

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
 	4		30	3	4 x 22		SAL-8S-RS4.2-RS4.2-1/G6/034	42-13477
							SAL-8S-RS4.2-RS4.2-2/G6/034	42-13478
							SAL-8S-RS4.2-RS4.2-5/G6/034	42-13479
							SAL-8S-RS4.2-RS4.2-10G6/034	42-13480

Male connector angled
Male connector angled


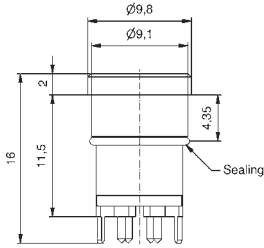
TPU, UL, halogenfree, green, Cat 5e

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
 	4		30	3	4 x 22		SAL-8S-RSW4.2-RSW4.2-1/G6/034	42-13481
							SAL-8S-RSW4.2-RSW4.2-2/G6/034	42-13482
							SAL-8S-RSW4.2-RSW4.2-5/G6/034	42-13483
							SAL-8S-RSW4.2-RSW4.2-10/G6/034	42-13484

M8x1 INDUSTRIAL ETHERNET 100MHz Socket

Front panel mounting, Dip solder termination

Female connector axial, shielded

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	4		30	3	16	SAL-8D-EKVM4-P16	42-01052

M12x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED 360° Shielding

Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
	4	D	160	4	4 x 22	2	SAL-12D-RS4.2-2 / G6	43-10944
						3	SAL-12D-RS4.2-3 / G6	43-10945
						5	SAL-12D-RS4.2-5 / G6	43-10946
						10	SAL-12D-RS4.2-10 / G6	43-10947

M12x1 INDUSTRIAL ETHERNET 100MHz Connecting cable with 360° Shielding

Male connector axial
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
	4	D	160	4	4 x 22	0,3	SAL-12D-RS4.2-RS4.2-0,3 / G6	43-10948
						0,6	SAL-12D-RS4.2-RS4.2-0,6 / G6	43-10949
						1,5	SAL-12D-RS4.2-RS4.2-1,5 / G6	43-10950
						3	SAL-12D-RS4.2-RS4.2-3 / G6	43-10951

M12x1 - RJ45 INDUSTRIAL ETHERNET 100MHz
Connecting cable with 360° Shielding

Female socket Back panel mounting
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]
-----------------	--------	-------------------	--------------------	----------------------	--------------------------

Description	Part No.
SAL-12D-FKH4.2-RS4.2-0,5 / G6	43-01672
SAL-12D-FKH4.2-RS4.2-1 / G6	43-01673
SAL-12D-FKH4.2-RS4.2-2 / G6	43-01674

Technical drawing showing dimensions: M12x1, Width across flats 19, Sealing, M16x1.5, 18, 20.5, 42.5, D, L, 49.3, M12x1, Ø14.5. Pin color coding: Pin 1 (Yellow), Pin 2 (White), Pin 3 (Orange), Pin 4 (Blue).

Male connector RJ45 field attachable
Male connector M12x1 axial, overmoulded

TPU, UL, halogenfree, green, Cat 5e

SAL-45-SS4-12D-RS4.2-0,3 / G6	43-12484
SAL-45-SS4-12D-RS4.2-0,6 / G6	43-12485
SAL-45-SS4-12D-RS4.2-1,5 / G6	43-10996
SAL-45-SS4-12D-RS4.2-3 / G6	43-10997

Technical drawing showing dimensions: max. 55, D, L, 49, Width across flats 13, M12x1. Pin color coding: Pin 1 (Yellow), Pin 2 (White), Pin 3 (Orange), Pin 4 (Blue).

Male connector RJ45 field attachable
Female socket, Back panel mounting

TPU, UL, halogenfree, green, Cat 5e

SAL-45-SS4-12D-FKH4.2-0,5 / G6	43-01678
SAL-45-SS4-12D-FKH4.2-1 / G6	43-01679
SAL-45-SS4-12D-FKH4.2-2 / G6	43-01680

Technical drawing showing dimensions: M12x1, Width across flats 19, Sealing, M16x1.5, 18, 20.5, 42.5, D, L, max. 55, 11. Pin color coding: Pin 1 (Yellow), Pin 2 (White), Pin 3 (Orange), Pin 4 (Blue).

RJ45 INDUSTRIAL ETHERNET 100 MHz, AWG 24

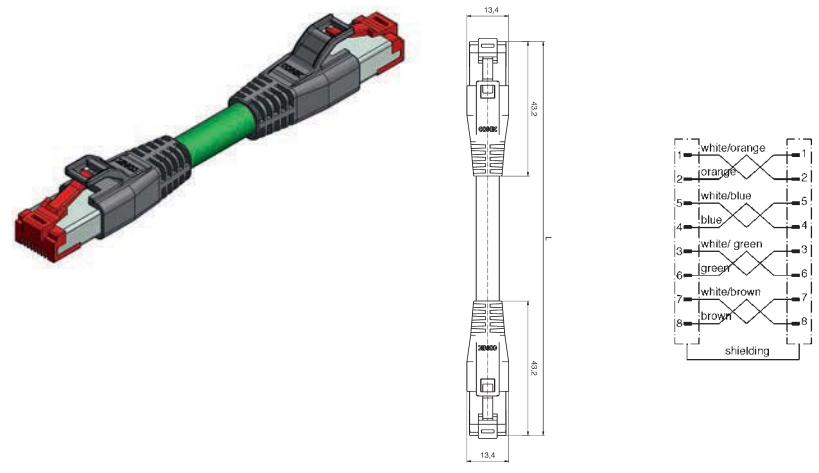
Connecting cable , overmoulded

Male connector RJ45 axial
Male connector RJ45 axial

PVC, UL, green, Cat 5e

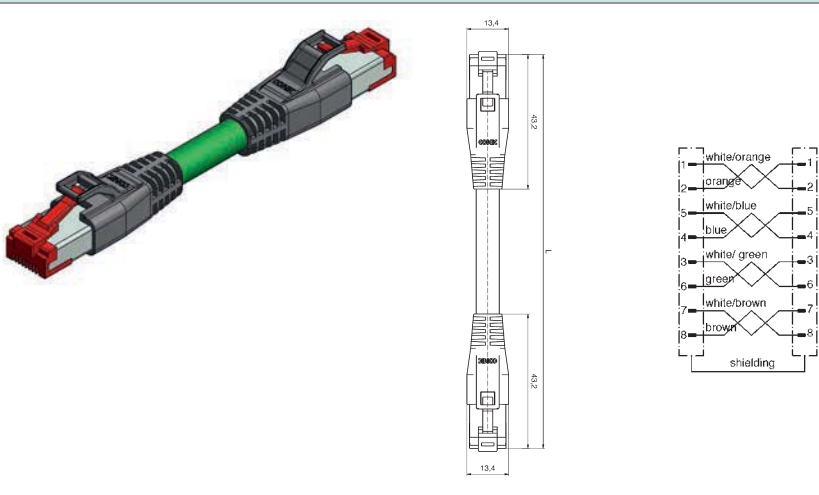
Contact assignment

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
8	125	1	0,3	4 x 2 x 24	RJ-45-RS8.31-RS8.31-0,3/GAJ/025	17-500720
					RJ-45-RS8.31-RS8.31-0,6/GAJ/025	17-500721
					RJ-45-RS8.31-RS8.31-1,5/GAJ/025	17-500722
					RJ-45-RS8.31-RS8.31-3/GAJ/025	17-500723



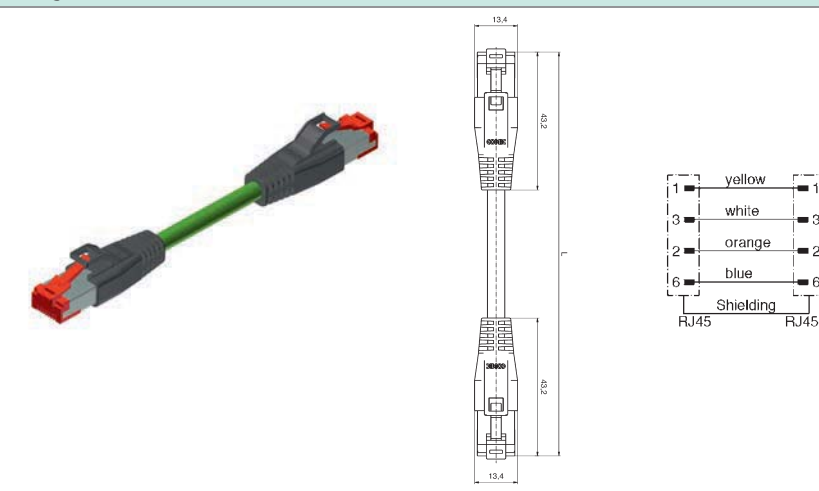
TPU, UL, green, Cat 5e

8	125	1	0,3	4 x 2 x 24	RJ-45-RS8.31-RS8.31-0,3/GAF/025	17-500724
					RJ-45-RS8.31-RS8.31-0,6/GAF/025	17-500725
					RJ-45-RS8.31-RS8.31-1,5/GAF/025	17-500726
					RJ-45-RS8.31-RS8.31-3/GAF/025	17-500727



TPU, green, cULus 20236, Cat 5e

4	125	1	1	4 x 1 x 24	RJ-45S-RS8.36-RS8.36-1/GAF/025	17-140013
					RJ-45S-RS8.36-RS8.36-2/GAF/025	17-140023
					RJ-45S-RS8.36-RS8.36-5/GAF/025	17-140033
					RJ-45S-RS8.36-RS8.36-10/GAF/025	17-140043



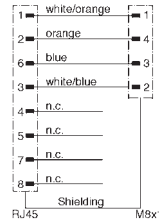
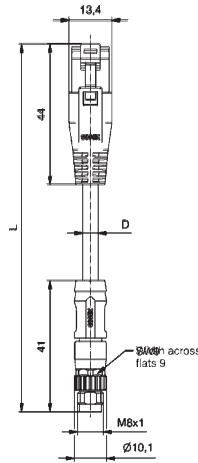
RJ45 – INDUSTRIAL ETHERNET 100 MHz, AWG 26
Connecting cable, overmoulded

Male connector M8x1 axial
Male connector M8x1 axial

TPU, green, cULus 20236, Cat 5e

Contact assignment

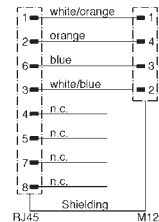
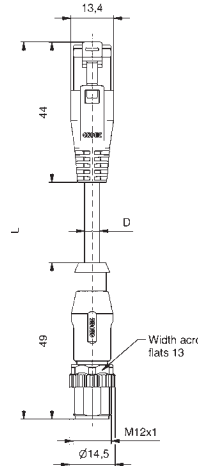
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4		30	1	0,3	4 x 26	SAL-45S-RS8.33-8D-RS4.24-0,3/GD/014	42-13316
						SAL-45S-RS8.33-8D-RS4.24-1,5/GD/014	42-13317



Male connector RJ45 axial
Male connector M12x1 axial

TPU, green, cULus 20236, Cat 5e

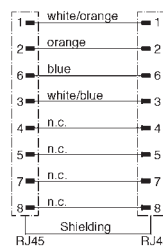
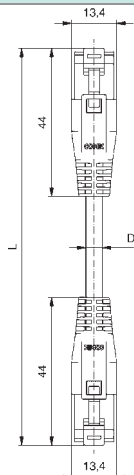
4	D	30	1	0,3	4 x 26	SAL-45S-RS8.33-12D-RS4.24-0,3/GD/014	43-18908
						SAL-45S-RS8.33-12D-RS4.24-1,5/GD/014	43-18909



Male connector RJ45 axial
Male connector RJ45 axial

TPU, green, cULus 20236, Cat 5e


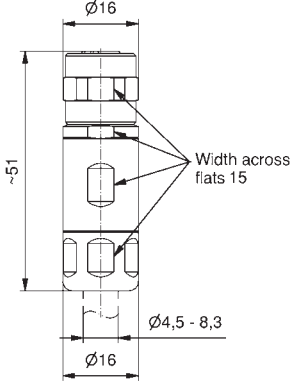
4		30	1	0,3	4 x 26	RJ-45S-RS8.33-RS8.33-0,3/GD/014	43-18910
						RJ-45S-RS8.33-RS8.33-1,5/GD/014	43-18911




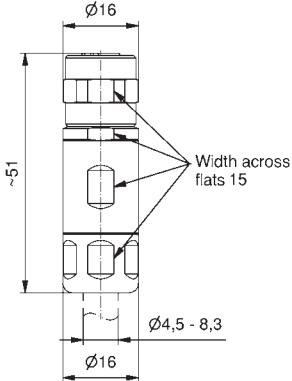
**M12x1 INDUSTRIAL ETHERNET 100MHz FIELD ATTACHABLE
360° Shielding**

Crimp termination

Female connetor axial

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
		4	D	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12D-RKC4-C/100	43-00416

Male connector axial

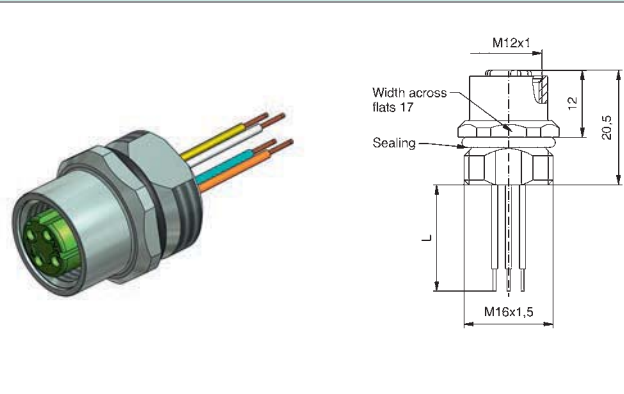
		4	D	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12D-RSC4-C/100	43-00417
--	--	---	---	-----	---	-----------	------------	--------------------	----------

M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

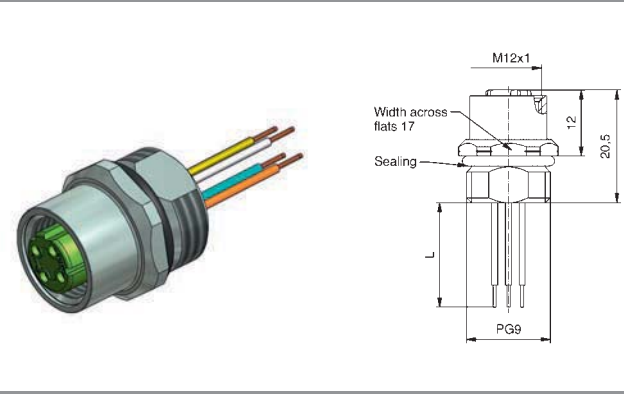
Contact assignment



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = l [mm]	Description	Part No.
4	D	250	4	PVC	22	0,5	SAL-12D-FK4.2-0,5	43-01044

Female connector, PG9 thread



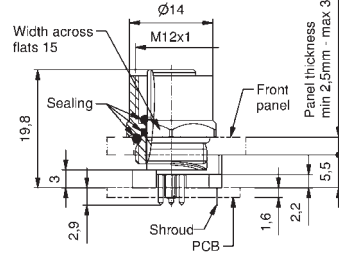
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4	D	250	4	PVC	22	0,5	SAL-12D-FK4.2-0,5-9	43-01111
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M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Front panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

D

250

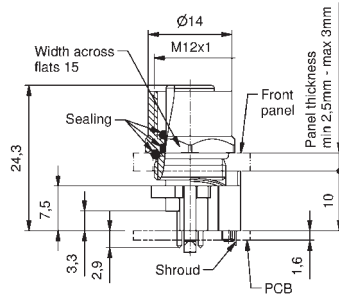
4

5,5

SAL-12D-FK4-X5,5

43-01222

Two-piece female connector, axial with shroud, installation height 10 mm



4

D

250

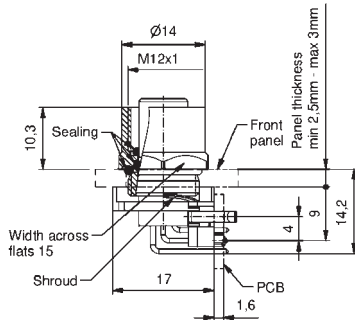
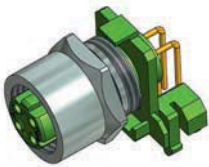
4

10

SAL-12D-FK4-X10

43-01220

Two-piece female connector, angled with shroud



4

D

250

4

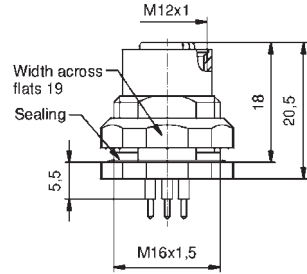
SAL-12D-FKW4

43-01228

M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Back panel mounting, Dip solder termination

Female connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

D

250

4

5,5

SAL-12D-FKH4-P5,5

43-01157

4

D

250

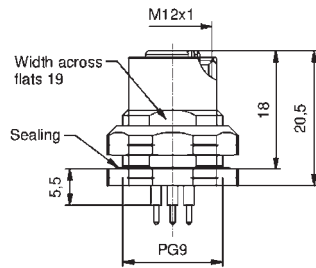
4

12

SAL-12D-FKH4-P12

43-01118

Female connector, PG9 thread



4

D

250

4

5,5

SAL-12D-FKH4-P5,5-9

43-01236

4

D

250

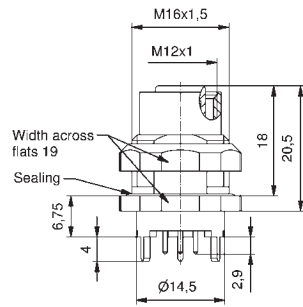
4

12

SAL-12D-FKH4-P12-9

43-01248

Female connector with shielded connection, M16x1.5 thread



4

D

250

4

6,75

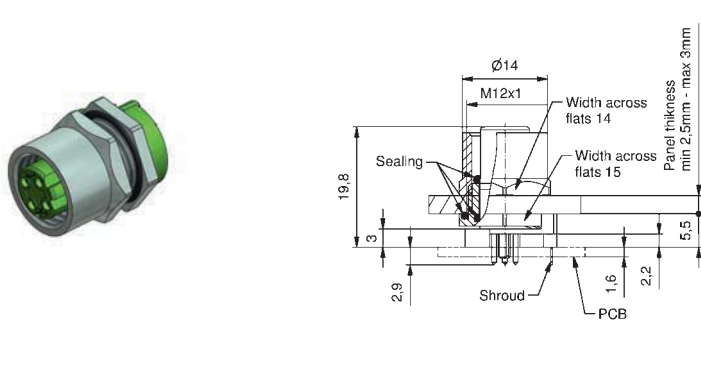
SAL-12D-FKH4-P6,75

43-01690

M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Back panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5,5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

D

250

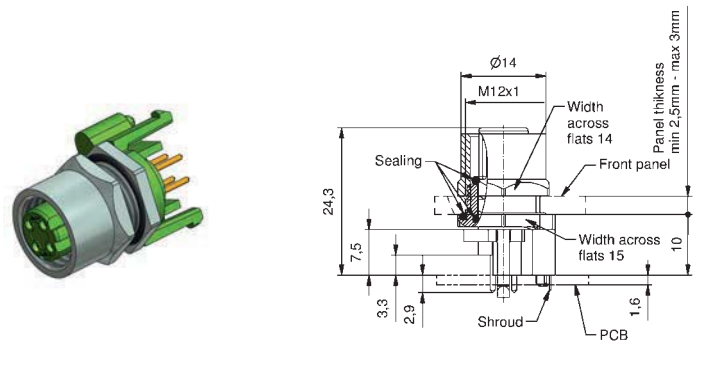
4

5,5

SAL-12D-FKH4-X5,5

43-01223

Two-piece female connector, axial with shroud, installation height 10 mm



4

D

250

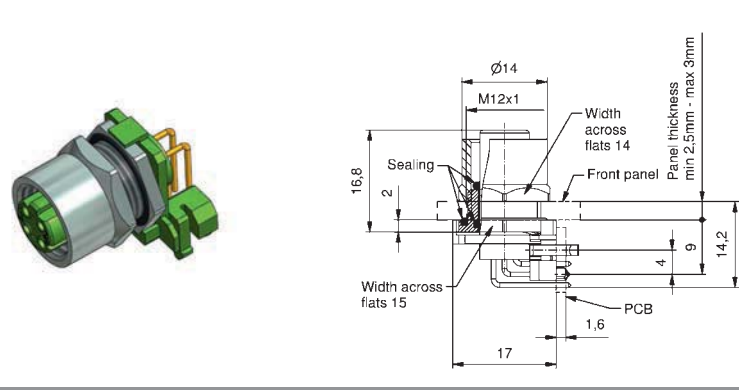
4

10

SAL-12D-FKH4-X10

43-01221

Two-piece female connector, angled with shroud



4

D

250

4

SAL-12D-FKHW4

43-01229

M12x1 INDUSTRIAL ETHERNET 100MHz
Sockets with 360° shielding

Back panel mounting with cable

Female connector M16x1.5 thread, TPU, UL, halogenfree, green, Cat 5e

Contact assignment


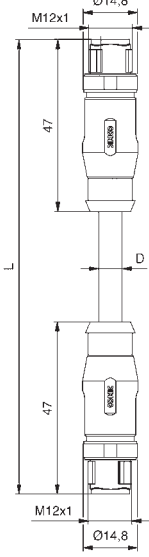
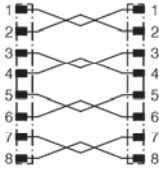
	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
<p>Width across flats 19 Sealing Width across flats 19 M12x1 18 20,5 42,5 M16x1,5 L Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■</p>	4	D	160	4	0,5	4 x 22	SAL-12D-FKH4.2-0,5/ G6	43-01660
	4	D	160	4	1	4 x 22	SAL-12D-FKH4.2-1/ G6	43-01661
	4	D	160	4	2	4 x 22	SAL-12D-FKH4.2-2/ G6	43-01662

M12x1 ETHERNET 10 GBIT/S OVERMOULDED Connecting cable

Male connector axial
Male connector axial

TPU, waterblue, S-FTP

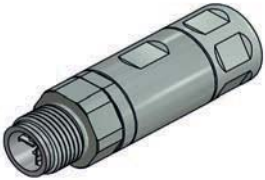
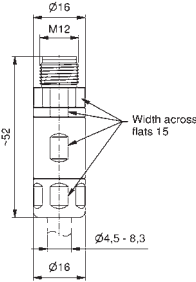
Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  	8	X	48	0,5	1	4 x 2 x 26/7	SAL-12X-RS8.8-RS8.8-1 / GG	43-15364
					2		SAL-12X-RS8.8-RS8.8-2 / GG	43-15365
					5		SAL-12X-RS8.8-RS8.8-5 / GG	43-15366
					10		SAL-12X-RS8.8-RS8.8-10 / GG	43-15367

M12x1 ETHERNET 10 GBIT/S FIELD ATTACHABLE

Crimp termination


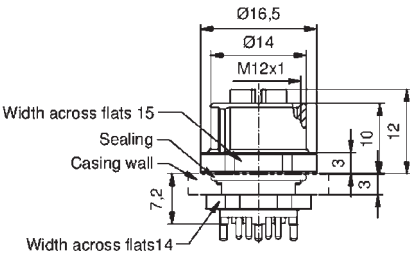
Male connector, axial

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [AWG]	Description	Part No.
 	8	X	48	0,5	4,5 - 8,3	28 - 22	SAL-12X-RSC8-C/034	43-00418

M12x1 ETHERNET 10 GBIT/S SOCKETS

Front panel mounting, Dip solder termination

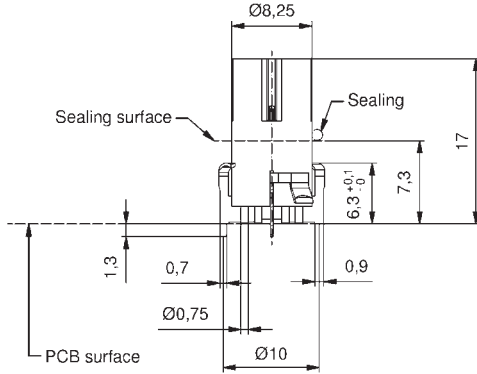
Female connector, installation height 7.2 mm

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
 	8	X	48	0,5	7,2	SAL-12X-FK8.8-X7,2-12	43-01847

M12x1 ETHERNET 10 GBIT/S
Sockets SMT

Front panel mounting

Insulation body SMT



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

8

X

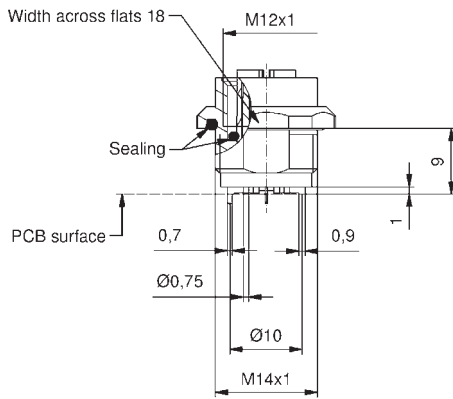
48

0,5

SAL-12X-1K8/SMT

43-02362

Female connector SMT, installation height 9 mm



8

X

48

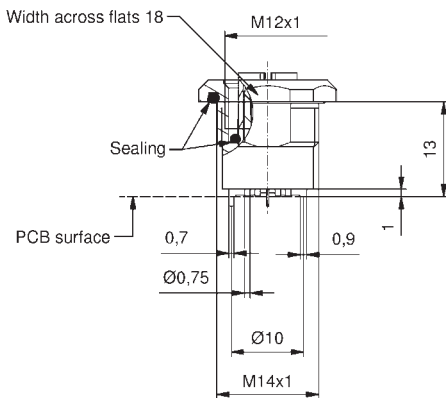
0,5

9

SAL-12X-FK8-X9/SMT

43-02757

Female connector SMT, installation height 13 mm



8

X

48

0,5

13

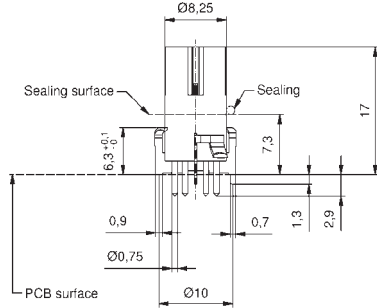
SAL-12X-FK8-X13/SMT

43-02759

**M12x1 ETHERNET 10 GBIT/S
Sockets THR**

Front panel mounting

Insulation body THR



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

8

X

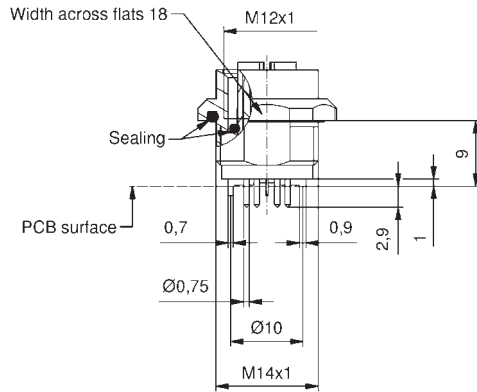
48

0,5

SAL-12X-1K8/THR

43-02363

Female connector THR, installation height 9 mm



8

X

48

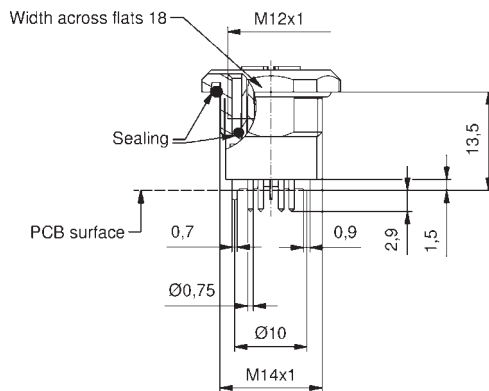
0,5

9

SAL-12X-FK8-X9/
THR

43-02758

Female connector THR, installation height 13 mm



8

X

48

0,5

13

SAL-12X-FK8-X13/
THR

43-02760

M12x1 CONEC ETHERCORD

Connecting cable with 360° shielding

Male connector axial
Male connector axial

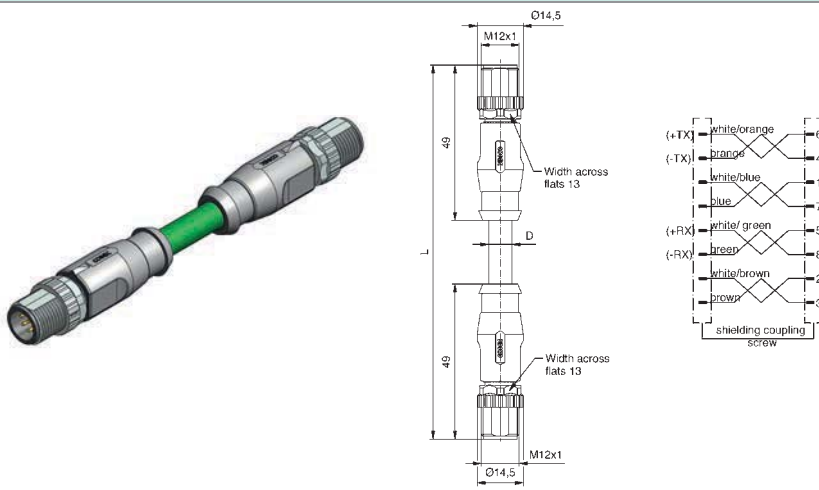
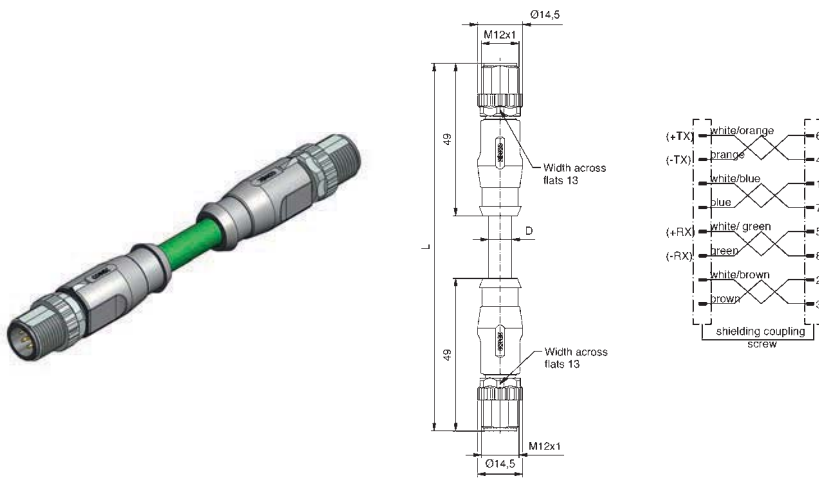
PVC, UL, green, Cat 5e

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
8	A	30	1	4 x 2 x 24	0,3	SAL-12S-RS8.23-RS8.23-0,3/GAJ	43-16998
					0,6	SAL-12S-RS8.23-RS8.23-0,6/GAJ	43-16999
					1,5	SAL-12S-RS8.23-RS8.23-1,5/GAJ	43-17000
					3	SAL-12S-RS8.23-RS8.23-3/GAJ	43-17001

TPU, UL, green, Cat 5e

8	A	30	1	4 x 2 x 24	0,3	SAL-12S-RS8.23-RS8.23-0,3/GAF	43-17002
					0,6	SAL-12S-RS8.23-RS8.23-0,6/GAF	43-17003
					1,5	SAL-12S-RS8.23-RS8.23-1,5/GAF	43-17004
					3	SAL-12S-RS8.23-RS8.23-3/GAF	43-17005


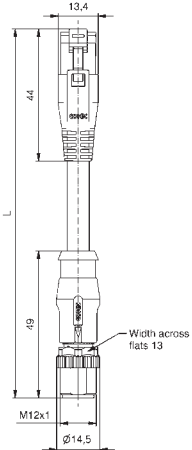
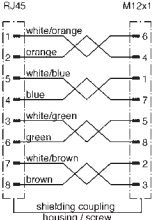


RJ45 – M12x1 CONEC ETHERCORD
Connecting cable with 360° shielding


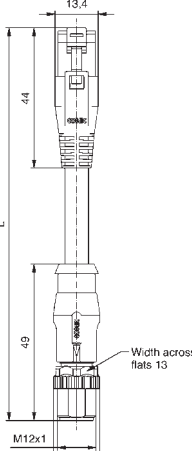
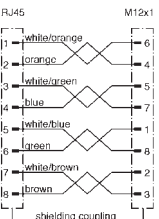
Male connector RJ45 axial
Male connector M12x1 axial

PVC, UL green, Cat 5e

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  	8	A	30	1	4 x 2 x 24	0,3	SAL-45S-RS8.31-12S-RS8.23-0,3/GAJ	43-18411
						0,6	SAL-45S-RS8.31-12S-RS8.23-0,6/GAJ	43-18412
						1,5	SAL-45S-RS8.31-12S-RS8.23-1,5/GAJ	43-18413
						3	SAL-45S-RS8.31-12S-RS8.23-3/GAJ	43-18414

TPU, UL, green, Cat 5e

  	8	A	30	1	4 x 2 x 24	0,3	SAL-45S-RS8.31-12S-RS8.23-0,3/GAF	43-18415
						0,6	SAL-45S-RS8.31-12S-RS8.23-0,6/GAF	43-18416
						1,5	SAL-45S-RS8.31-12S-RS8.23-1,5/GAF	43-18417
						3	SAL-45S-RS8.31-12S-RS8.23-3/GAF	43-18382

M12x1 DEVICENET OVERMOULDED

Female connector axial

PVC, UL, grey

Contact assignment

Number of poles

Coding

Rated voltage [V]


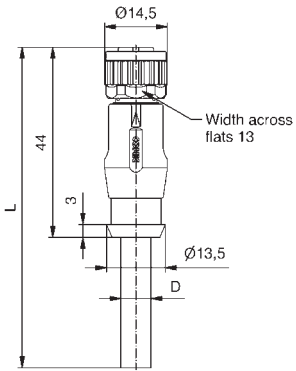





Current rating [A]

Cable length = L [m]

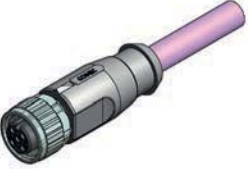
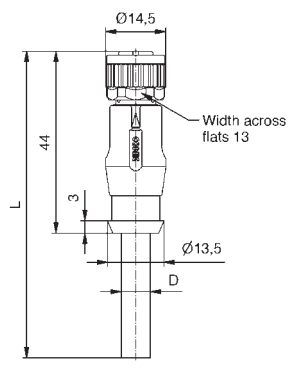





Wire cross section [AWG]

Description

Part No.


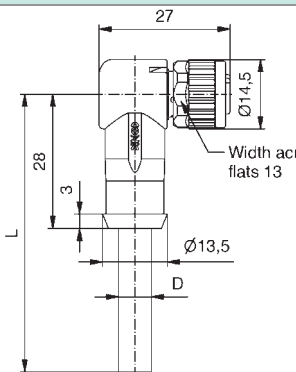





		<p>Pin 1  (Schirm/shielding)</p> <p>Pin 2  (+)</p> <p>Pin 3  (-)</p> <p>Pin 4  (CAN H)</p> <p>Pin 5  (CAN L)</p>	5	A	60	4	2 x 22 + 2 x 23	2	SAL-DN-12-RK5.3-2 / GC	43-12508
								3	SAL-DN-12-RK5.3-3 / GC	43-12509
								5	SAL-DN-12-RK5.3-5 / GC	43-12510
								10	SAL-DN-12-RK5.3-10 / GC	43-12511

TPU, UL, violet


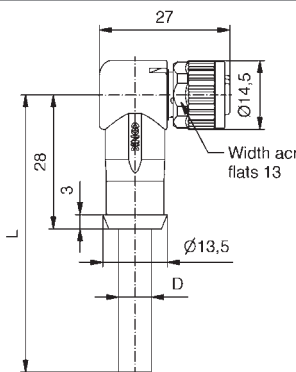





		<p>Pin 1  (Schirm/shielding)</p> <p>Pin 2  (+)</p> <p>Pin 3  (-)</p> <p>Pin 4  (CAN H)</p> <p>Pin 5  (CAN L)</p>	5	A	60	4	2 x 22 + 2 x 23	2	SAL-DN-12-RK5.3-2 / GJ	43-12512
								3	SAL-DN-12-RK5.3-3 / GJ	43-12513
								5	SAL-DN-12-RK5.3-5 / GJ	43-12514
								10	SAL-DN-12-RK5.3-10 / GJ	43-12515

Female connector angled

PVC, UL, grey

		<p>Pin 1  (Schirm/shielding)</p> <p>Pin 2  (+)</p> <p>Pin 3  (-)</p> <p>Pin 4  (CAN H)</p> <p>Pin 5  (CAN L)</p>	5	A	60	4	2 x 22 + 2 x 23	2	SAL-DN-12-RKW5.3-2 / GC	43-12516
								3	SAL-DN-12-RKW5.3-3 / GC	43-12517
								5	SAL-DN-12-RKW5.3-5 / GC	43-12518
								10	SAL-DN-12-RKW5.3-10 / GC	43-12519

TPU, UL, violet

		<p>Pin 1  (Schirm/shielding)</p> <p>Pin 2  (+)</p> <p>Pin 3  (-)</p> <p>Pin 4  (CAN H)</p> <p>Pin 5  (CAN L)</p>	5	A	60	4	2 x 22 + 2 x 23	2	SAL-DN-12-RKW5.3-2 / GJ	43-12520
								3	SAL-DN-12-RKW5.3-3 / GJ	43-12521
								5	SAL-DN-12-RKW5.3-5 / GJ	43-12522
								10	SAL-DN-12-RKW5.3-10 / GJ	43-12523

M12x1 DEVICE NET OVERMOULDED

Male connector axial

PVC, UL, grey

Contact assignment

Number of poles

Coding

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

5

A

60

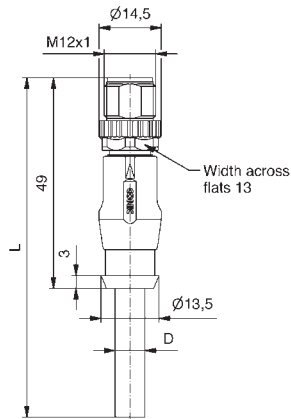
4

2
3
5

2 x 22 + 2 x 23

SAL-DN-12-RS5.3-2 / GC	43-12500
SAL-DN-12-RS5.3-3 / GC	43-12501
SAL-DN-12-RS5.3-5 / GC	43-12502
SAL-DN-12-RS5.3-10 / GC	43-12503

TPU, UL, violet



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

5

A

60

4

2
3
5

2 x 22 + 2 x 23

SAL-DN-12-RS5.3-2 / GJ	43-12504
SAL-DN-12-RS5.3-3 / GJ	43-12505
SAL-DN-12-RS5.3-5 / GJ	43-12506
SAL-DN-12-RS5.3-10 / GJ	43-12507

M12x1 DEVICENET OVERMOULDED Connecting cable

Female connector axial
Male connector axial

PVC, UL, grey

Contact assignment

Number of poles

Coding

Rated voltage [V]


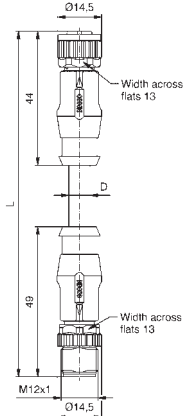





Current rating [A]

Cable length = L [m]


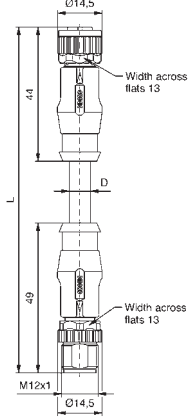





Wire cross section [AWG]

Description

Part No.


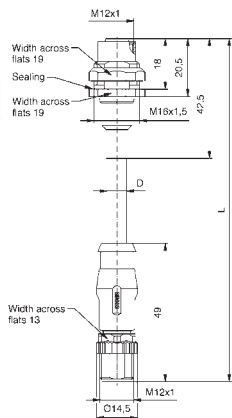





  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4	0,3	2 x 22 + 2 x 23	SAL-DN-12-RK5.3-RS5.3-0,3/GC	43-12524
	0,6	SAL-DN-12-RK5.3-RS5.3-0,6/GC	43-12525					
	1,5	SAL-DN-12-RK5.3-RS5.3-1,5/GC	43-12526					
	3	SAL-DN-12-RK5.3-RS5.3-3/GC	43-12527					

TPU, UL, violet

  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4	0,3	2 x 22 + 2 x 23	SAL-DN-12-RK5.3-RS5.3-0,3/GJ	43-12528
	0,6	SAL-DN-12-RK5.3-RS5.3-0,6/GJ	43-12529					
	1,5	SAL-DN-12-RK5.3-RS5.3-1,5/GJ	43-12530					
	3	SAL-DN-12-RK5.3-RS5.3-3/GJ	43-12531					

Female socket, Back panel mounting, with cable
Male connector, axial, overmoulded

TPU, UL, violet

  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4	0,5	2 x 22 + 2 x 23	SAL-DN-12-FKH5.3-RS5.3-0,5/GJ	43-01666
	1	SAL-DN-12-FKH5.3-RS5.3-1/GJ	43-01667					
	2	SAL-DN-12-FKH5.3-RS5.3-2/GJ	43-01668					

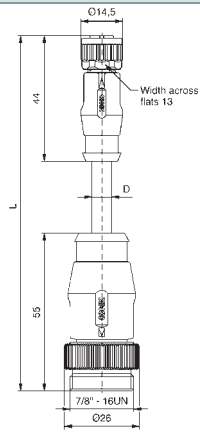
M12x1 – 7/8" DEVICE NET OVERMOULDED Connecting cable

Female connector M12x1 axial
Male connector 7/8" axial

PVC, UL, grey

Contact assignment

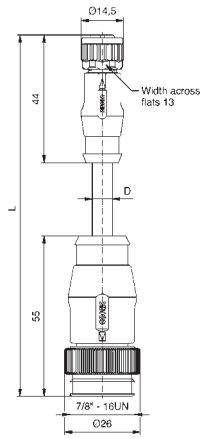
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	2 x 22 + 2 x 23	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3/GC	43-12532
						SAL-DN-12-RK5.3-7/8-RS5.3-0,6/GC	43-12533
						SAL-DN-12-RK5.3-7/8-RS5.3-1,5/GC	43-12534
						SAL-DN-12-RK5.3-7/8-RS5.3-3/GC	43-12535



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

TPU, UL, violet

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	2 x 22 + 2 x 23	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3/GJ	43-12536
						SAL-DN-12-RK5.3-7/8-RS5.3-0,6/GJ	43-12537
						SAL-DN-12-RK5.3-7/8-RS5.3-1,5/GJ	43-12538
						SAL-DN-12-RK5.3-7/8-RS5.3-3/GJ	43-12539



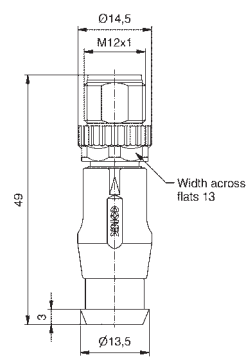
- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

M12x1 DEVICE NET OVERMOULDED

Terminating plug

Contact assignment

Number of poles	Coding	Rated voltage [V]	Description	Part No.
5	A	60	SAL-DN-12-RSA5.3	43-12642



- 1 Shielding
 - 2 +
 - 3 -
 - 4 CAN H
 - 5 CAN L
- R1 120Ω 0,25W

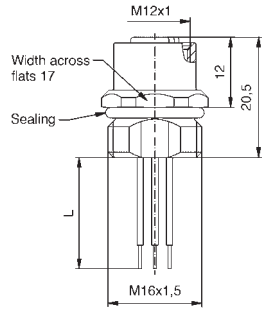
M12x1 DEVICE NET SOCKETS

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

Contact assignment

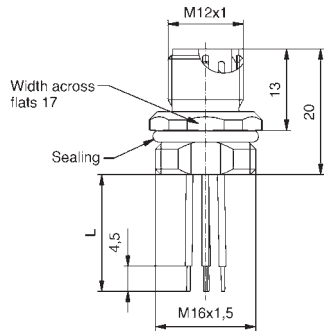
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	PVC	0,5	24	SAL-DN-12-FK5.3-0,5	43-01367



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

Male connector, M16x1.5 thread

5	A	60	4	PVC	0,5	24	SAL-DN-12-F55.3-0,5	43-02527
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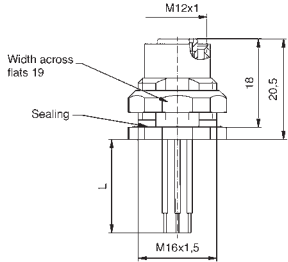





- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

M12x1 DEVICENET SOCKETS


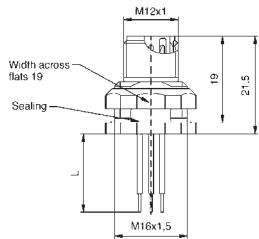





Back panel mounting, Wire termination

Female connector, M16x1.5 thread

Contact assignment


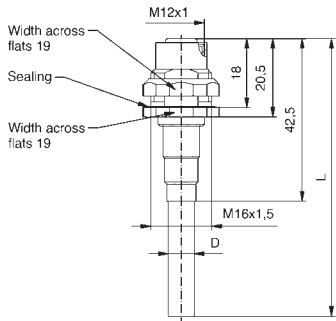





Female connector, M16x1.5 thread	Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire-/ Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4	PVC	0,5	24	SAL-DN-12-FKH5.3-0,5	43-02246	

Male connector, M16x1,5 thread


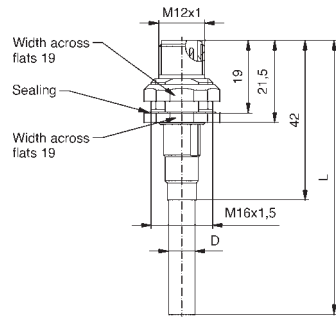





  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4	PVC	0,5	24	SAL-DN-12-FSH5.3-0,5	43-01368
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Back panel mounting with cable

Female connector, M16x1.5 thread, TPU, UL, violet

  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4		0,5		SAL-DN-12-FKH5.3-0,5/GJ	43-01642
						1	2 x 22 + 2 x 23	SAL-DN-12-FKH5.3-1/GJ	43-01643
						2		SAL-DN-12-FKH5.3-2/GJ	43-01644

Male connector, M16x1.5 thread, TPU, UL, violet

  <p>Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)</p>	5	A	60	4		0,5		SAL-DN-12-FSH5.3-0,5/GJ	43-01645
						1	2 x 22 + 2 x 23	SAL-DN-12-FSH5.3-1/GJ	43-01646
						2		SAL-DN-12-FSH5.3-2/GJ	43-01647

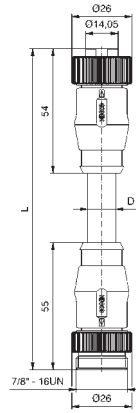
7/8" DEVICENET OVERMOULDED Connecting cable

Female connector axial
Male connector axial

PVC, UL, grey

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	300	5,2	5	2 x 15 + 2 x 18	SAL-DN-7/8-RK5.3-RS5.3-5/GC	41-01382
				10		SAL-DN-7/8-RK5.3-RS5.3-10/GC	41-01383
				20		SAL-DN-7/8-RK5.3-RS5.3-20/GC	41-01384

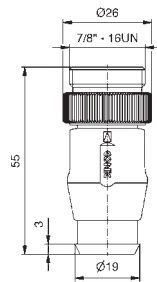


- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

7/8" DEVICENET OVERMOULDED

Termination plug

Male connector axial



- 1 - Shielding
 - 2 +
 - 3 -
 - 4 CAN H
 - 5 CAN L
- R1 120Ω 0,25W

5	A	24				SAL-DN-7/8-RSA5.3	41-01304
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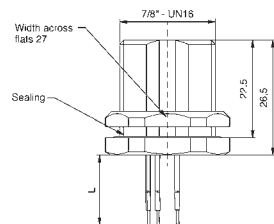
7/8" DEVICENET SOCKETS

Back panel mounting, wire termination

Male connector, M16x1.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
5	A	300	10	PVC	0,5	18	SAL-DN-7/8-FSH5.3-0,5	41-40027



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

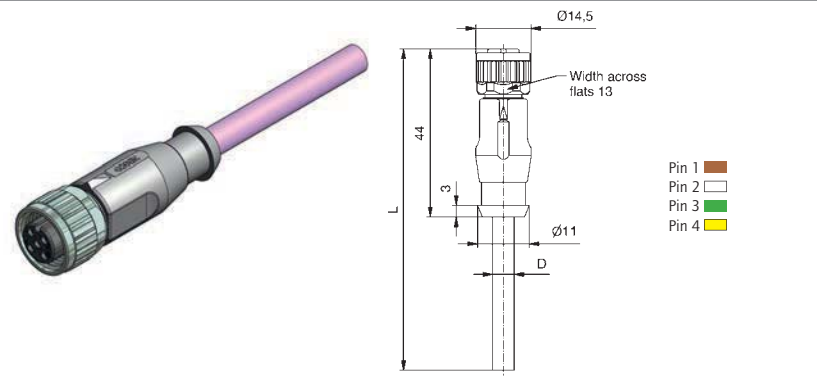
M12x1 CAN-BUS OVERMOULDED

Female connector axial

PVC violet

Contact assignment

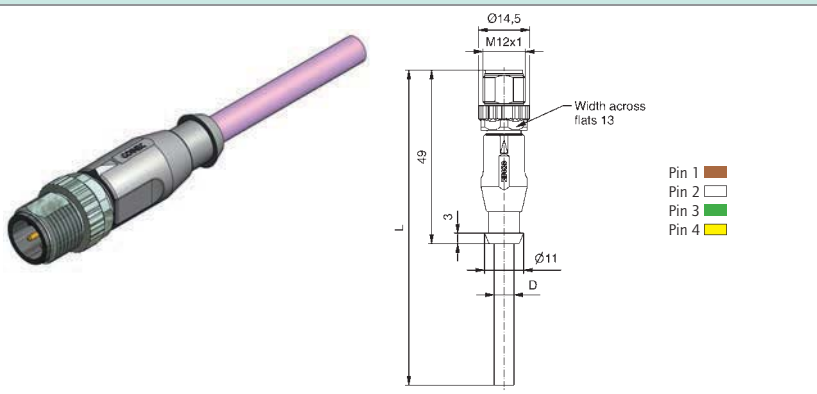
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	A	60	4	2	2 x 2 x 24	SAL-CN-12S-RK4.41-2/GU	43-14380
						SAL-CN-12S-RK4.41-3/GU	43-14381
						SAL-CN-12S-RK4.41-5/GU	43-14382
						SAL-CN-12S-RK4.41-10/GU	43-14383



Male connector axial

PVC violet

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	A	60	4	2	2 x 2 x 24	SAL-CN-12S-RS4.41-2/GU	43-14384
						SAL-CN-12S-RS4.41-3/GU	43-14385
						SAL-CN-12S-RS4.41-5/GU	43-14386
						SAL-CN-12S-RS4.41-10/GU	43-14387



M12x1 CAN-BUS OVERMOULDED

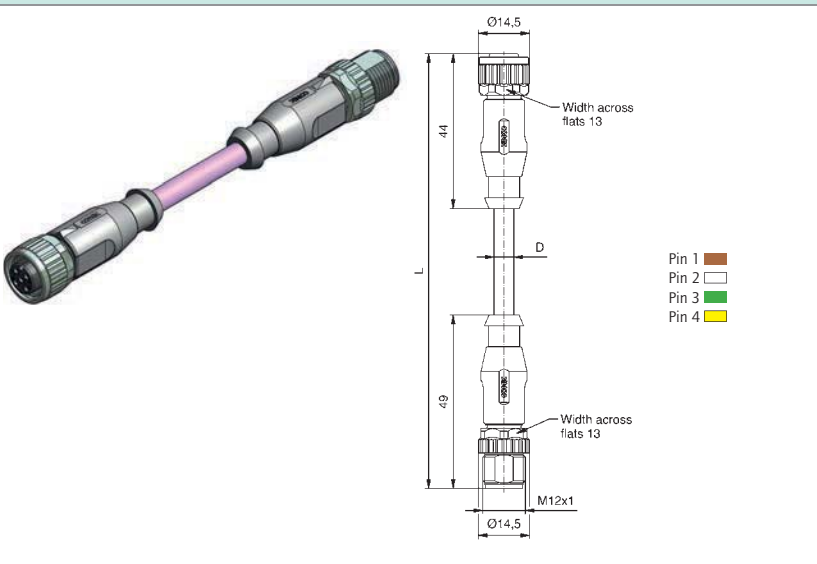
Connecting cable

Female connector axial

Male connector axial

PVC, UL, violet

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	A	60	4	0,3	2 x 2 x 24	SAL-CN-12S-RK4.41-RS4.41-0,3/GU	43-14388
				0,6		SAL-CN-12S-RK4.41-RS4.41-0,6/GU	43-14389
				1,5		SAL-CN-12S-RK4.41-RS4.41-1,5/GU	43-14390
				3		SAL-CN-12S-RK4.41-RS4.41-3/GU	43-14391



M12x1 CAN-BUS OVERMOULDED SOCKETS

Front panel mounting, Wire termination

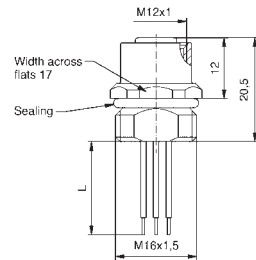
Female connector, M16x1.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]
4	A	250	4	PVC	0,5	24

Description

Part No.



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4

A

250

4

PVC

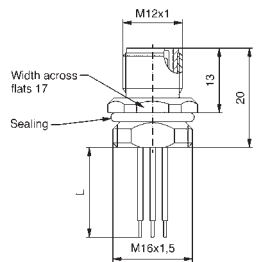
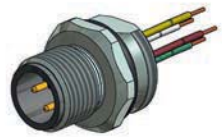
0,5

24

SAL-CN-12-FK4.41-0,5

43-01703

Male connector, M16x1.5 thread



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4

A

250

4

PVC

0,5

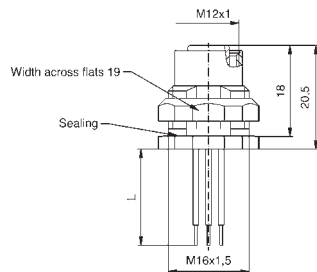
24

SAL-CN-12-FS4.41-0,5

43-01704

Back panel mounting, Wire termination

Female connector, M16x1.5 thread



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4

A

250

4

PVC

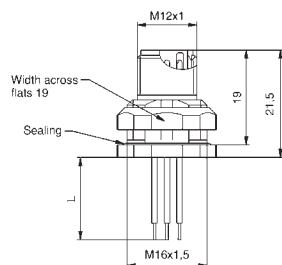
0,5

24

SAL-CN-12-FKH4.41-0,5

43-02347

Male connector, M16x1.5 thread



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4

A

250

4

PVC

0,5

24

SAL-CN-12-FSH4.41-0,5

43-02348

SECTION 10
JUNCTION SYSTEMS





SAL M8x1 / M12x1 Y-SPLITTER

Nomenclature

S A L - 1 2 - Y S 4 - 8 - 2 R K 3 - 0.3 / 0.3 / 0.3 K1

SAL
Sensor Actor Line

CONNECTION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1)
Standard (M8x1)

Design

Y = Y-Splitter
YR = Y-Splitter with cable

Gender

S = Male connector
K = Female connector

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

ALLOCATION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding

Quantity

2 = 2 I/O-ports

Design

R = Circular connector
Y = Y-Splitter

Gender

K = Female connector
S = Male connector

Configuration

= axial
W = angled

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

Cable length

XX/XX/XX= Length [m]

Cable quality

K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1 / M12x1 Y-SPLITTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm at SW 9

Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

SAL M8x1 / M12x1 DUO-SPLITTER

Nomenclature

S A L - 1 2 - D S 4 - 8 - 2 R K 3 - 03 / 03 / K1

SAL
Sensor Actor Line

CONNECTION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1), Standard (M8x1)

Design

D = DUO-Splitter

Gender

S = Male connector
K = Female connector

Number of poles

3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

ALLOCATION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding

Quantity

2 = 2 I/O-ports

Design

R = Circular connector with cable
D = DUO-Splitter

Gender

K = Female connector
S = Male connector

Building

= Axial
W = Angled

Number of poles

3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

Cable length

XX/XX = Length [m]

Cable quality

K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1 / M12x1 DUO-SPLITTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	Cu-Zn, nickel plated

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm at SW 9

Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

SAL M8x1/M12x1/7/8" T-SPLITTER/ADAPTER

Nomenclature

SAL - 12 - TSE4 - TKE4 - - RKE4 - 03 / A1

SAL
Sensor Actor Line

CONNECTION

Installation size

12 = M12x1

7/8 = 7/8"

Coding

= A-coding

Design

T = T-Junction

Gender

S = Male connector

K = Female connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE

5 = 5-pos.

4 = 4-pos.

8 = 8-pos.

4PE = 4-pos. + PE

ALLOCATION

Design

T = Circular connector

Configuration

K = Female connector

S = Male connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE

5 = 5-pos.

4 = 4-pos.

8 = 8-pos.

4PE = 4-pos. + PE

Installation size

8 = M8x1

= M12x1

Design

R = Circular connector

T = T-Junction

Gender

K = Female connector

S = Male connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE

5 = 5-pos.

4 = 4-pos.

8 = 8-pos.

4PE = 4-pos. + PE

Cable length

XX = Length [m]

Cable quality

A1 = PVC, grey

K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1 / M12x1 / 7/8" T-SPLITTER / ADAPTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM (M8x1, M12x1)
Coupling nut/-screw	GD-Zn / Stainless steel

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

	M8	M12	7/8"
Rated voltage	IEC 61076-2-104	IEC 61076-2-101	IEC 60664-1
Overvoltage category			IEC 60664-1 2
Current rating	IEC 61076-2-104	IEC 61076-2-101	IEC 60512-3
Insulation resistance	IEC 60512	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a	IEC 60512-9a

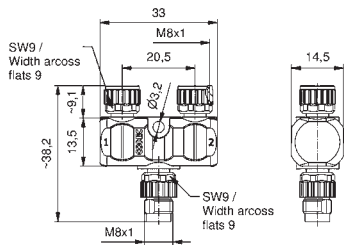
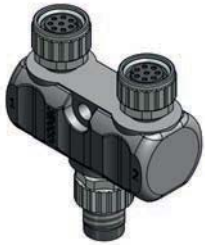
Recommended torque M8: 0.4 Nm at SW 9

Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

M8x1 JUNCTION BOXES
Y-splitter

Male connector M8x1
2x Female connector M8x1



Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
	3	3	3	50 V AC / 60 V DC	3	SAL-8-YS3-2YK3	42-05102
	4	3	3	50 V AC / 60 V DC	3	SAL-8-YS4-2YK3	42-05103
	4	4	4	50 V AC / 60 V DC	3	SAL-8-YS4-2YK4	42-05104
	8	8	8	30	1,5	SAL-8-YS8-2YK8	42-05105

M12x1 JUNCTION BOXES

Y-splitter

Male connector M12x1 axial
2x Female connector M12x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment


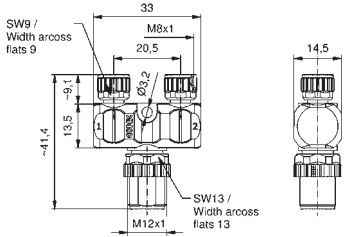
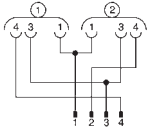
Number of poles side A	Number of poles side B	Number of poles side C	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
5	5	5	A	60	4	0,34	0,6	SAL-12-YRS5-RK5-RK5-0,6/0,6/0,6/K1	43-05182
5	5	5	A	60	4	0,34	1,5	SAL-12-YRS5-RK5-RK5-1,5/1,5/1,5/K1	43-05183

TPU, UL, halogenfree, black, Li9Y11Y


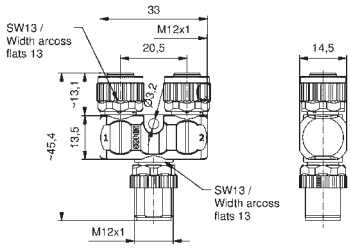
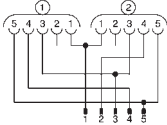
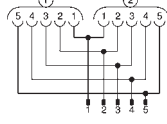
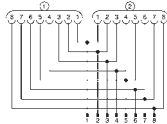
		0,3	SAL-12-YRS5-2YK5.2-0,3/K1	43-05189
		0,6	SAL-12-YRS5-2YK5.2-0,6/K1	43-05190
		0,3	SAL-12-YRS5-2YK5-0,3/K1	43-05191
		0,6	SAL-12-YRS5-2YK5-0,6/K1	43-05192
	0,3	SAL-12-YRS8-2YK8-0,3/K1	43-05193	
	0,6	SAL-12-YRS8-2YK8-0,6/K1	43-05194	

M12x1 JUNCTION BOXES
Y-splitter

Male connector M12x1
2 x Female connector M8x1

		Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
			4	3	3	50 V AC / 60 V DC	3	SAL-12-YS4-8-2YK3	43-05185

Male connector M12x1
2 x Female connector M12x1

			5	5	5	60	4	SAL-12-YS5-2YK5.2	43-05186
			5	5	5	60	4	SAL-12-YS5-2YK5	43-05187
			8	8	8	30	2	SAL-12-YS8-2YK8	43-05184

M8x1 JUNCTION BOXES DUO-splitter

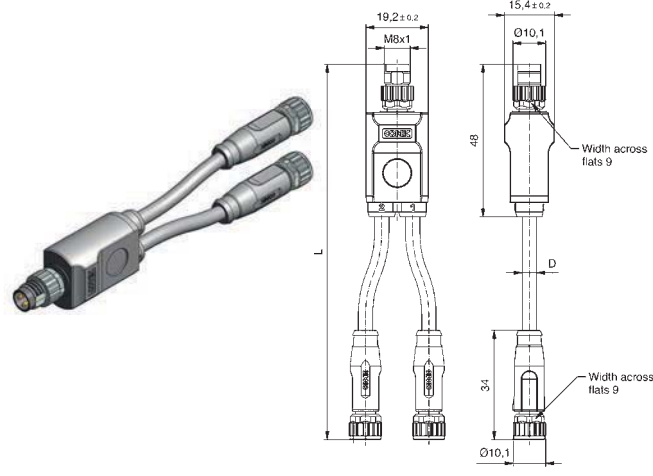
Male connector M8x1 axial
2 x Female connector M8x1 axial

PVC, grey, LiYY

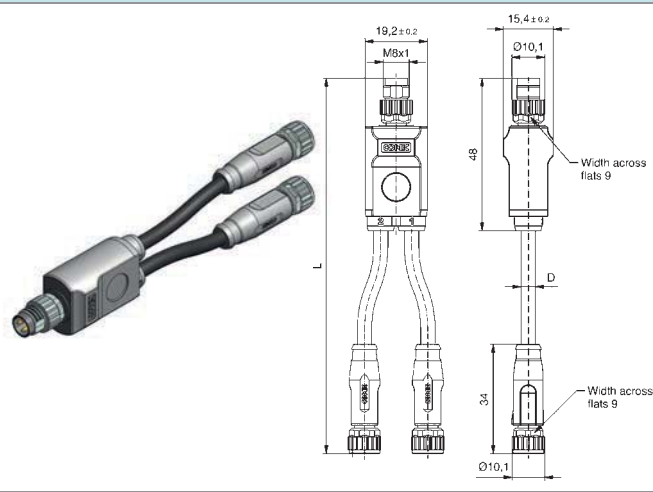
Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]
3	3	3	50 V AC / 60 V DC	3	0,25	0,3
						0,6
						1,5
						3
4	4	4	50 V AC / 60 V DC	3	0,25	0,3
						0,6
						1,5
						3

Description	Part No.
SAL-8-DS3-2RK3-0,3/0,3/A1	42-11780
SAL-8-DS3-2RK3-0,6/0,6/A1	42-11781
SAL-8-DS3-2RK3-1,5/1,5/A1	42-11782
SAL-8-DS3-2RK3-3/3/A1	42-11783
SAL-8-DS4-2RK4-0,3/0,3/A1	42-11788
SAL-8-DS4-2RK4-0,6/0,6/A1	42-11789
SAL-8-DS4-2RK4-1,5/1,5/A1	42-11790
SAL-8-DS4-2RK4-3/3/A1	42-11791



TPU, UL, halogenfree, black, Li9Y11Y



Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]
3	3	3	50 V AC / 60 V DC	3	0,25	0,3
						0,6
						1,5
						3
4	4	4	50 V AC / 60 V DC	3	0,25	0,3
						0,6
						1,5
						3

Description	Part No.
SAL-8-DS3-2RK3-0,3/0,3/K1	42-11776
SAL-8-DS3-2RK3-0,6/0,6/K1	42-11777
SAL-8-DS3-2RK3-1,5/1,5/K1	42-11778
SAL-8-DS3-2RK3-3/3/K1	42-11779
SAL-8-DS4-2RK4-0,3/0,3/K1	42-11784
SAL-8-DS4-2RK4-0,6/0,6/K1	42-11785
SAL-8-DS4-2RK4-1,5/1,5/K1	42-11786
SAL-8-DS4-2RK4-3/3/K1	42-11787

M8x1 JUNCTION BOXES DUO-splitter

Male connector M8x1 axial
2 x Female connector M8x1 angled

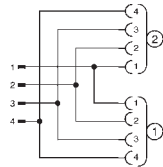
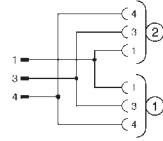
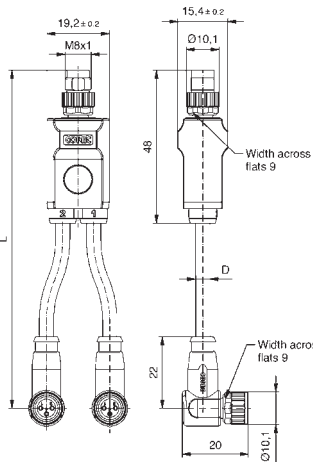
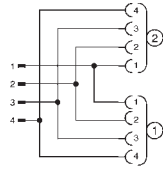
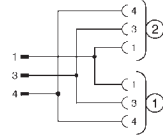
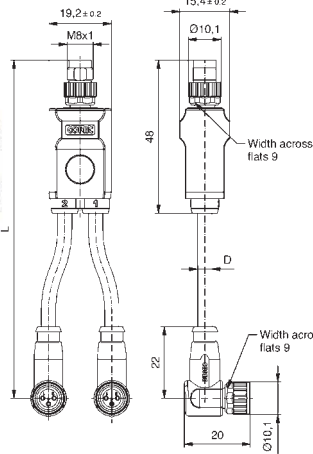
PVC, grey, LiYY

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RKW3-0,3/0,3/A1	42-11796
							0,6 SAL-8-DS3-2RKW3-0,6/0,6/A1	42-11797
							1,5 SAL-8-DS3-2RKW3-1,5/1,5/A1	42-11798
							3 SAL-8-DS3-2RKW3-3/3/A1	42-11799
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RKW4-0,3/0,3/A1	42-11804
							0,6 SAL-8-DS4-2RKW4-0,6/0,6/A1	42-11805
							1,5 SAL-8-DS4-2RKW4-1,5/1,5/A1	42-11806
							3 SAL-8-DS4-2RKW4-3/3/A1	42-11807

TPU, UL, halogenfree, black, Li9Y11Y

3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RKW3-0,3/0,3/K1	42-11792
							0,6 SAL-8-DS3-2RKW3-0,6/0,6/K1	42-11793
							1,5 SAL-8-DS3-2RKW3-1,5/1,5/K1	42-11794
							3 SAL-8-DS3-2RKW3-3/3/K1	42-11795
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RKW4-0,3/0,3/K1	42-11800
							0,6 SAL-8-DS4-2RKW4-0,6/0,6/K1	42-11801
							1,5 SAL-8-DS4-2RKW4-1,5/1,5/K1	42-11802
							3 SAL-8-DS4-2RKW4-3/3/K1	42-11803



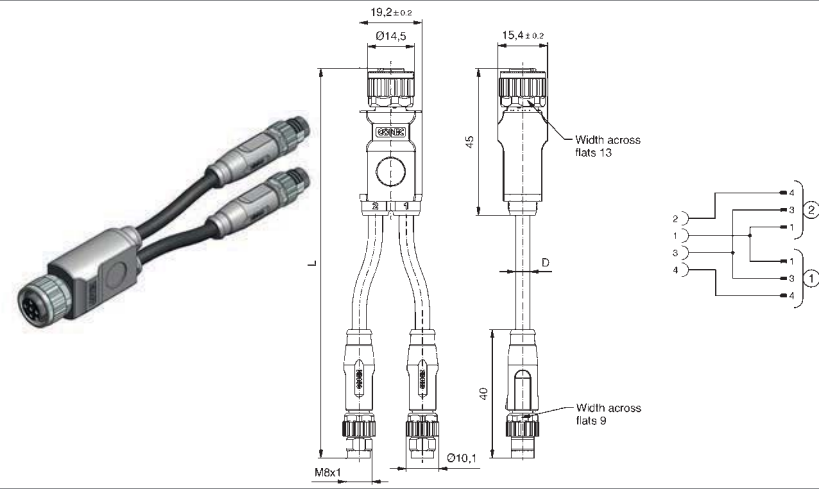
M12x1 JUNCTION BOXES DUO-splitter

Female connector M12x1 axial
2 x Male connector M8x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

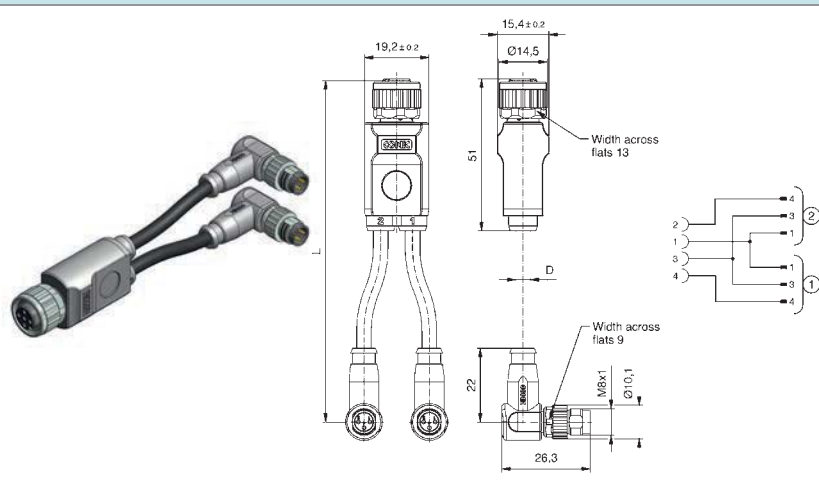
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DK4-8-2RS3-0,3/0,3/K1	43-16267
							0,6 SAL-12-DK4-8-2RS3-0,6/0,6/K1	43-16268
							1,5 SAL-12-DK4-8-2RS3-1,5/1,5/K1	43-16269
							3 SAL-12-DK4-8-2RS3-3/3/K1	43-16270



Female connector M12x1 axial
2 x Male connector M8x1 angled

TPU, UL, halogenfree, black, Li9Y11Y

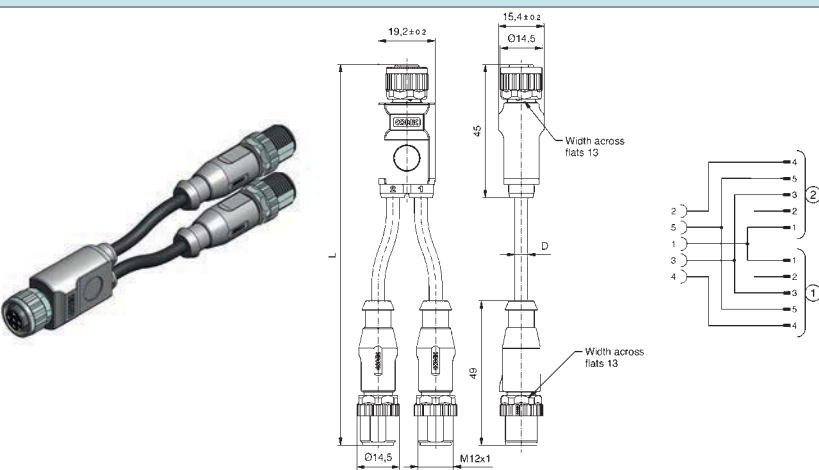
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DK4-8-2RSW3-0,3/0,3/K1	43-16276
							0,6 SAL-12-DK4-8-2RSW3-0,6/0,6/K1	43-16277
							1,5 SAL-12-DK4-8-2RSW3-1,5/1,5/K1	43-16278
							3 SAL-12-DK4-8-2RSW3-3/3/K1	43-16279



Female connector M12x1 axial
2 x Male connector M12x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

5	5	5	60	4	0,34		0,3 SAL-12-DK5-2RS5.2-0,3/0,3/K1	43-16287
							0,6 SAL-12-DK5-2RS5.2-0,6/0,6/K1	43-16288
							1,5 SAL-12-DK5-2RS5.2-1,5/1,5/K1	43-16289
							3 SAL-12-DK5-2RS5.2-3/3/K1	43-16290



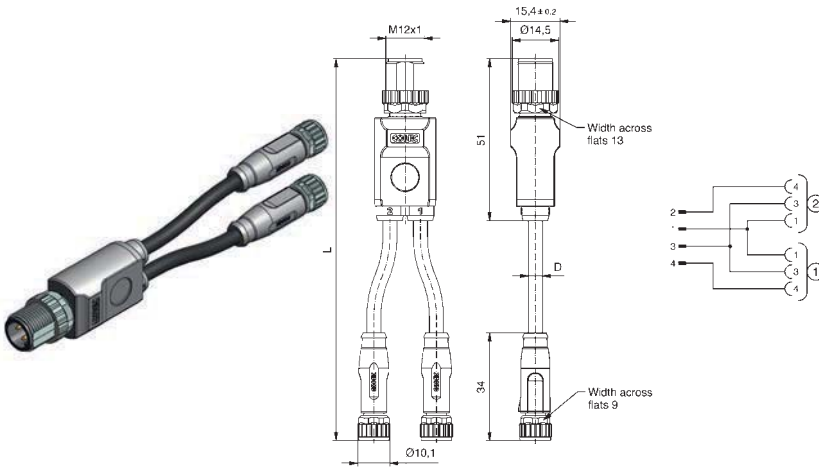
M12x1 JUNCTION BOXES DUO-splitter

Male connector M12x1 axial
2 x Female connector M8x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

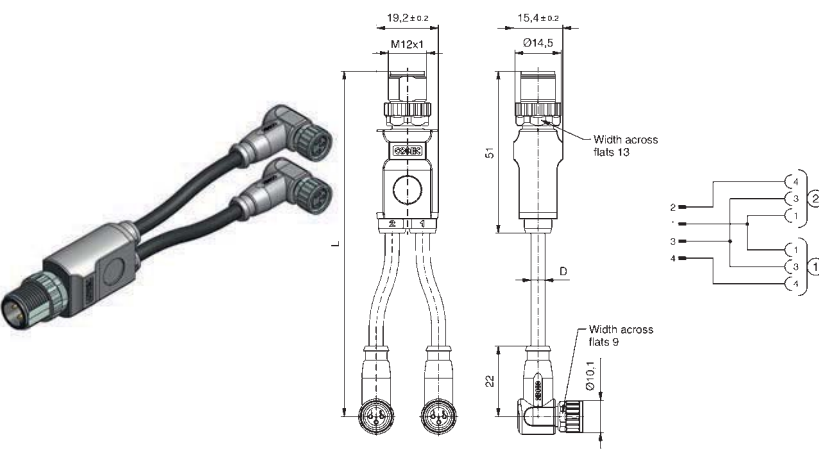
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DS4-8-2RK3-0,3/0,3/K1	43-12463
							0,6 SAL-12-DS4-8-2RK3-0,6/0,6/K1	43-12464
							1,5 SAL-12-DS4-8-2RK3-1,5/1,5/K1	43-12465
							3 SAL-12-DS4-8-2RK3-3/3/K1	43-12466



Male connector M12x1 axial
2 x Female connector M8x1 angled

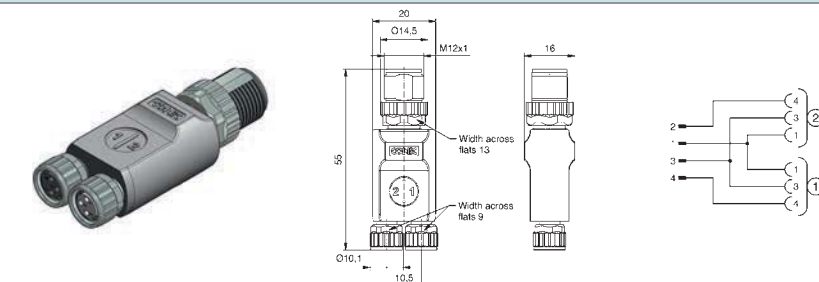
TPU, UL, halogenfree, black, Li9Y11Y

4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DS4-8-2RKW3-0,3/0,3/K1	43-12467
							0,6 SAL-12-DS4-8-2RKW3-0,6/0,6/K1	43-12468
							1,5 SAL-12-DS4-8-2RKW3-1,5/1,5/K1	43-12469
							3 SAL-12-DS4-8-2RKW3-3/3/K1	43-12470



Male connector M12x1
2 x Female connector M8x1

4	3	3	50 V AC / 60 V DC	3			SAL-12-DS4-8-2DK3	43-05117
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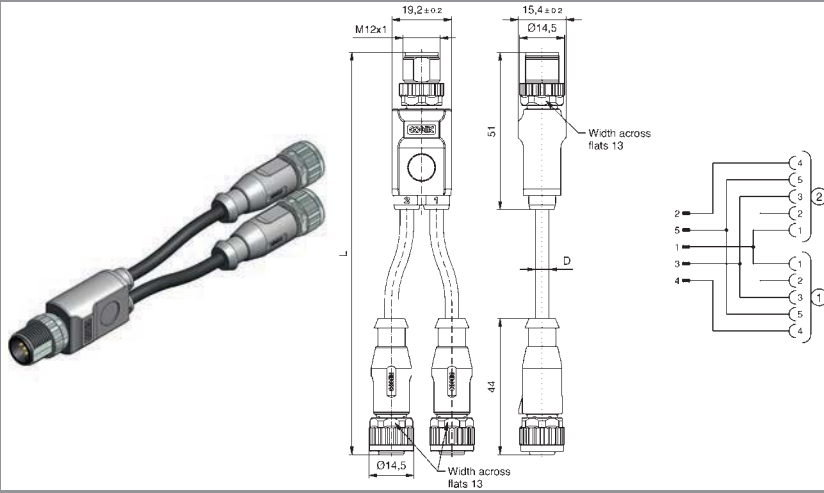
M12x1 JUNCTION BOXES DUO-splitter

Male connector M12x1 axial
2 x Female connector M12x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

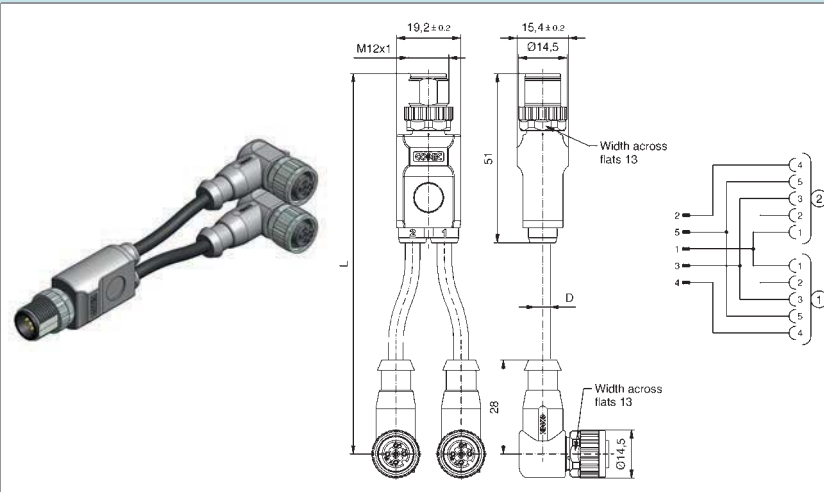
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
5	5	5	60	4	0,34		0,3 SAL-12-DS5-2RK5.2-0,3/0,3/K1	43-12603
							0,6 SAL-12-DS5-2RK5.2-0,6/0,6/K1	43-12604
							1,5 SAL-12-DS5-2RK5.2-1,5/1,5/K1	43-12605
							3 SAL-12-DS5-2RK5.2-3/3/K1	43-12606



Male connector M12x1 axial
2 x Female connector M12x1 angled

TPU, UL, halogenfree, black, Li9Y11Y

5	5	5	60	4	0,34		0,3 SAL-12-DS5-2RKW5.2-0,3/0,3/K1	43-12607
							0,6 SAL-12-DS5-2RKW5.2-0,6/0,6/K1	43-12608
							1,5 SAL-12-DS5-2RKW5.2-1,5/1,5/K1	43-12609
							3 SAL-12-DS5-2RKW5.2-3/3/K1	43-12610



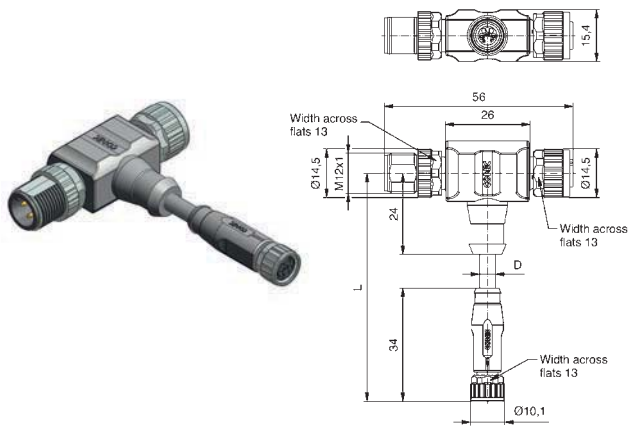
M12x1 JUNCTION BOXES
T-splitter

Male connector/Female connector M12x1
Female connector M8x1 axial

PVC, grey, LiYY

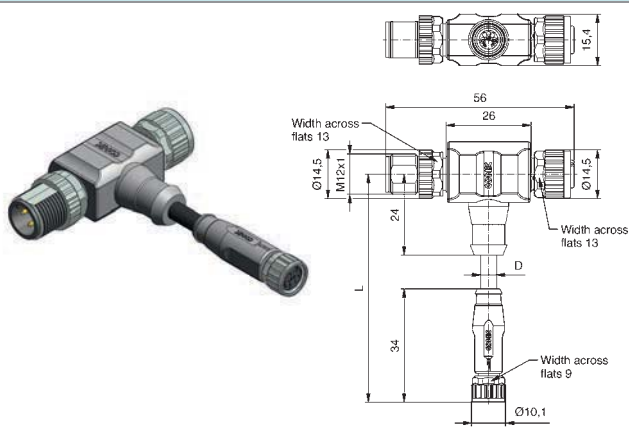
Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-12-TS4-TK4-8-RK4-0,3/A1	43-05122
							SAL-12-TS4-TK4-8-RK4-0,6/A1	43-05123



TPU, UL, halogenfree, black, Li9Y11Y

4	4	4	50 V AC / 60 V DC	3	0,25		SAL-12-TS4-TK4-8-RK4-0,3/K1	43-05124
							SAL-12-TS4-TK4-8-RK4-0,6/K1	43-05125



M12x1 JUNCTION BOXES T-splitter

Male connector/Female connector M12x1
Female connector M12x1 axial

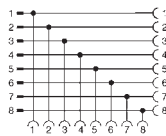
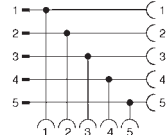
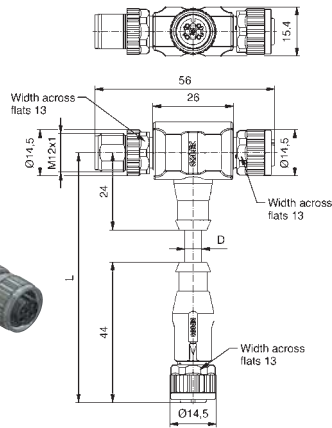
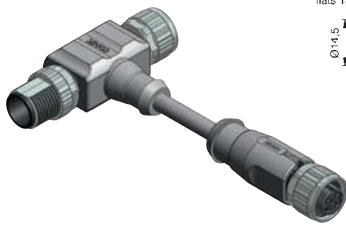
PVC, grey, LiYY

Contact assignment

Number of poles side A
Number of poles side B
Number of poles side C
Rated voltage [V]
Current rating [A]
Wire cross section [mm²]
Cable length = L [m]

Description

Part No.



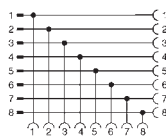
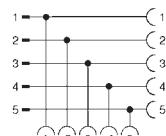
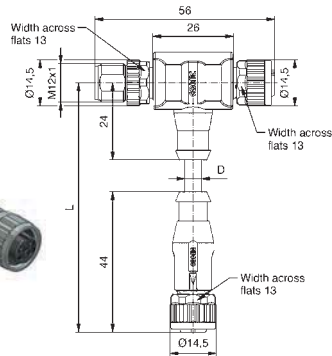
0,3 SAL-12-TS5.1-TK5.1-RK5.1-0,3/A1 43-05118

0,6 SAL-12-TS5.1-TK5.1-RK5.1-0,6/A1 43-05119

0,3 SAL-12-TS8-TK8-RK8-0,3/A1 43-05126

0,6 SAL-12-TS8-TK8-RK8-0,6/A1 43-05127

TPU, UL, halogenfree, black, Li9Y11Y



0,3 SAL-12-TS5.1-TK5.1-RK5.1-0,3/K1 43-05120

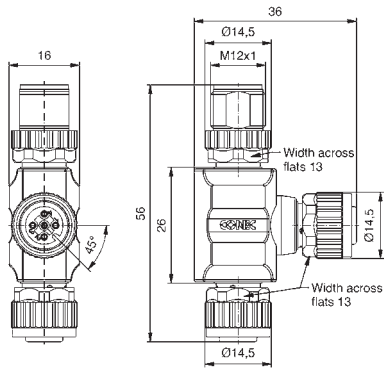
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0,3 SAL-12-TS8-TK8-RK8-0,3/K1 43-05128

0,6 SAL-12-TS8-TK8-RK8-0,6/K1 43-05129

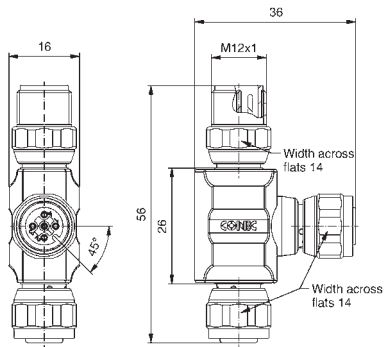
M12x1 JUNCTION BOXES
T-splitter

Male connector M12x1
2 x Female connector M12x1



Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
	4	4	4	250	4	SAL-12-TS4-TK4-TK4	43-05115
	5	5	5	60	4	SAL-12-TS5-TK5-TK5	43-05116
	5	5	5	60	4	SAL-12-TS5.1-TK5.1-TK5.1	43-05114
	8	8	8	30	2	SAL-12-TS8-TK8-TK8	43-05142

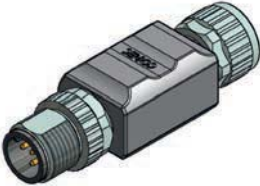
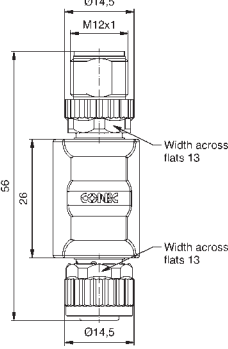

Male connector M12x1 – 2 x Female connector M12x1
Coupling nut and screw stainless steel




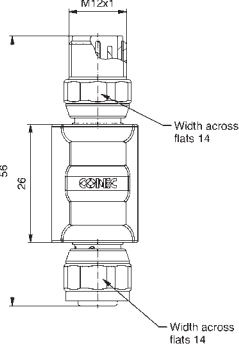

	4	4	4	250	4	SAL-12-TSE4-TKE4-TKE4	43-05155
	5	5	5	60	4	SAL-12-TSE5-TKE5-TKE5	43-05156
	5	5	5	60	4	SAL-12-TSE5.1-TKE5.1-TKE5.1	43-05154
	8	8	8	30	2	SAL-12-TSE8-TKE8-TKE8	43-05153

**M12x1 JUNCTION BOXES
Adapter**

Male connector M12x1
Female connector M12x1

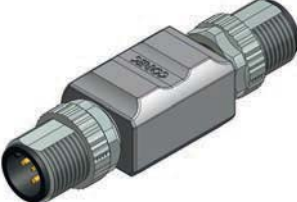
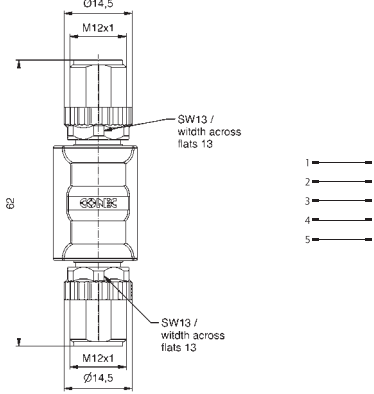
		Contact assignment	Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 			4	4	250	4	SAL-12-TS4-TK4	43-05130
			5	5	60	4	SAL-12-TS5-TK5	43-05131
			8	8	30	2	SAL-12-TS8-TK8	43-05113

Male connector M12x1 – Female connector M12x1
Coupling nut and screw stainless steel


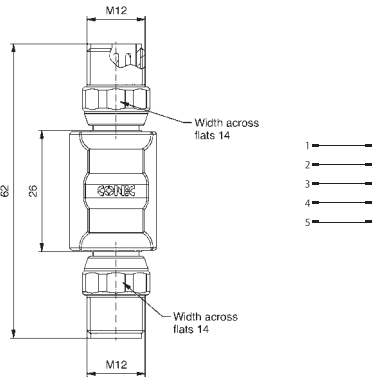
 			4	4	250	4	SAL-12-TSE4-TKE4	43-05150
			5	5	60	4	SAL-12-TSE5-TKE5	43-05151
			8	8	30	2	SAL-12-TSE8-TKE8	43-05149

M12x1 JUNCTION BOXES
Adapter

Male connector M12x1
Male connector M12x1

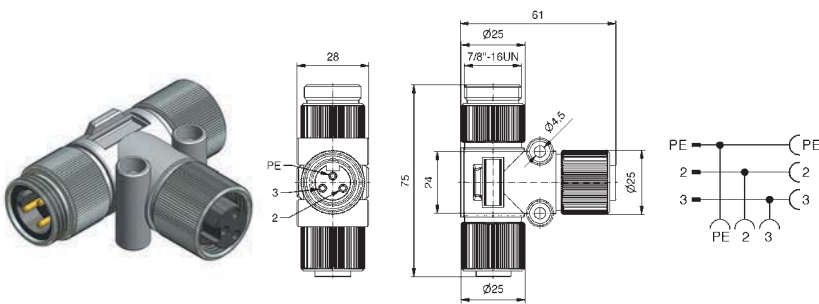
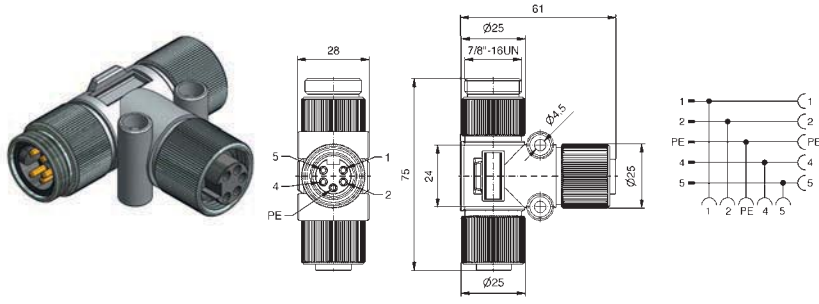
Contact assignment	Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 	5	5	60	4	SAL-12-TS5.1-TS5.1	43-05133

Male connector M12x1 – Male connector M12x1
Coupling nut and screw stainless steel

 	5	5	60	4	SAL-12-TSE5.1-TSE5.1	43-05152
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7/8" JUNCTION BOXES
T-splitter

Male connector 7/8"
2 x Female connector 7/8"

Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
	2+PE	2+PE	2+PE	250	10	SAL-7/8-TS2PE-TK2PE-TK2PE	41-30001
	4+PE	4+PE	4+PE	250	10	SAL-7/8-TS4PE-TK4PE-TK4PE	41-30002

SECTION 11

VALVE CONNECTORS





VALVE CONNECTORS DT-SERIES

Nomenclature

DT06 - 2 S L - A / K1 / 0.75 / 2m

Type

DT06 = Housing for socket contact
DT04 = Housing for plug contact

Number of poles

2 = 2-pos.
3 = 3-pos.
4 = 4-pos.
6 = 6-pos.
8A = 8-pos. A-coded
12A = 12-pos. A-coded

Type

S = Socket
P = Plug

Line style

= Cable
L = Single wire (only 2-pos. version)

Termination protection hose

= Standard
G = with M12x1 thread

Protection circuit

A = without protection circuit
B = with LED protection circuit

Material cable

K1 = TPU, black highflexible, halogenfree, UL
A1 = PVC/single wire
other types upon request

Wire cross-section

0.75 = 0.75 mm²
other cross-section upon request

Cable length

2m = 2 meter
5m = 5 meter
10m = 10 meter

VALVE CONNECTORS DT-SERIES

Product specification

Basic material	
Contact	CuZn
Contact plating	Ni
Contact carrier	Thermoplastic
Overmould	TPU, UL94, translucent
Sealing	Silicone
Technical Data	
Rated voltage	12/24 V AC/DC [with LED and Protection circuit] 10 - 230 V AC/DC [without Protection circuit]
Current rating	8 A at 40°C [2-, 3-pos.] 7 A at 40°C [4-pos.] 6 A at 40°C [6-, 8-pos.] 5 A at 40°C [12-pos.]
Degree of protection	IP67 in mated condition
Temperature range connector	-40°C to +85°C
Temperature range cable	Fixed installation: -40°C to +80°C Flexible installation: -25°C to +80°C
Temperature range single wire	Fixed installation: -40°C to +105°C Flexible installation: -10°C to +105°C
Terminal cross section	0.75 mm ² /AWG 18
Housing	Deutsch DT06 /DT04
Protection circuit	Supressor diode + 2 x LED yellow

VALVE CONNECTORS SUPERSEAL-SERIES

Nomenclature

VSS1.5 - 2 S L - A / K1 / 0.75 / 2m

Type
VSS1.5

Number of poles

- 2 = 2-pos.
- 3 = 3-pos.
- 4 = 4-pos.

Type

- S = Socket
- P = Plug

Line style

- = Cable
- L = Single wire (only 2-pos. version)

Termination protection hose

- = Standard

Protection circuit

- A = without protection circuit

Material cable

- K1 = TPU, black highflexible, halogenfree, UL
- A1 = PVC/single wire
- other types upon request

Wire cross-section

- 0.75 = 0.75 mm²
- other cross-section upon request

Cable length

- 2m = 2 meter
- 5m = 5 meter
- 10m = 10 meter

VALVE CONNECTORS SUPERSEAL-SERIES

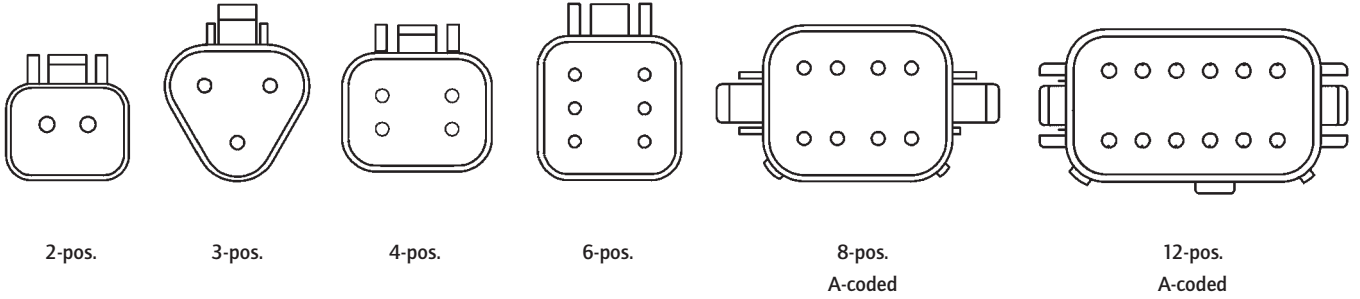
Product specification

Basic material	
Contact	CuZn
Contact plating	Sn
Contact carrier	Thermoplastic
Overmould	TPU, UL94, black
Sealing	Silicone
Technical Data	
Rated voltage	max. 24 V DC
Current rating	8 A at 40°C [2-, 3-pos.] 7 A at 40°C [4-pos.]
Degree of protection	IP67 in mated condition
Temperature range connector	-40°C to +85°C
Temperature range cable	Fixed installation: -40°C to +80°C Flexible installation: -25°C to +80°C
Temperature range single wire	Fixed installation: -40°C to +105°C Flexible installation: -10°C to +105°C
Terminal cross section	0.75 mm ² /AWG 18
Housing	Superseal 1.5, black

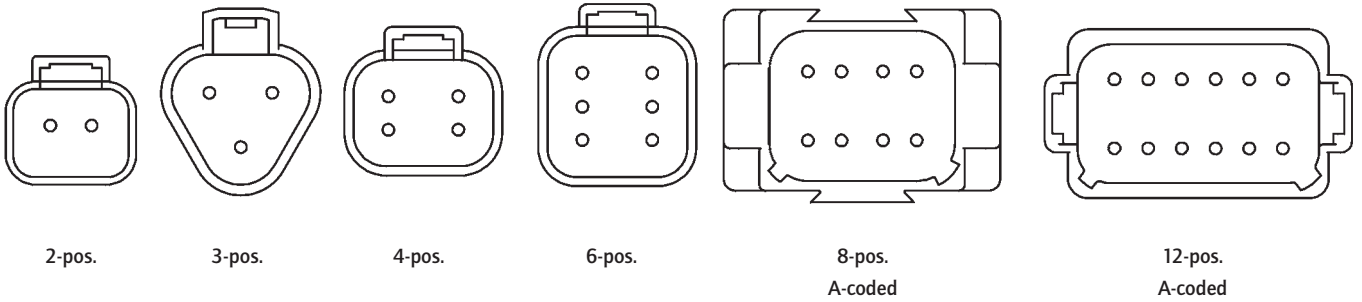
VALVE CONNECTORS

Overview pin assignment

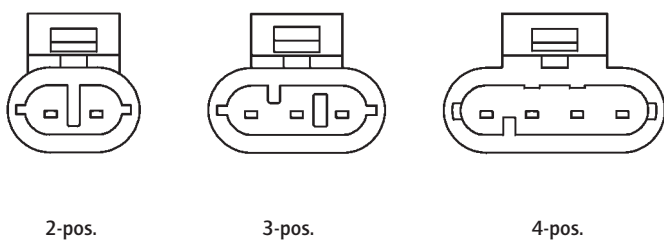
DT 06 (Housing for socket contacts)



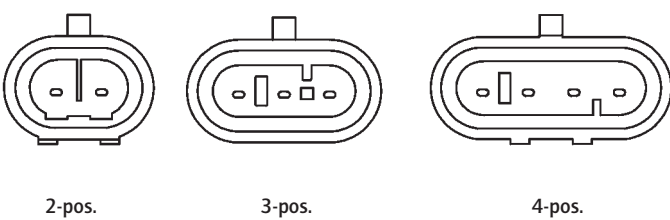
DT 04 (Housing for plug contacts)

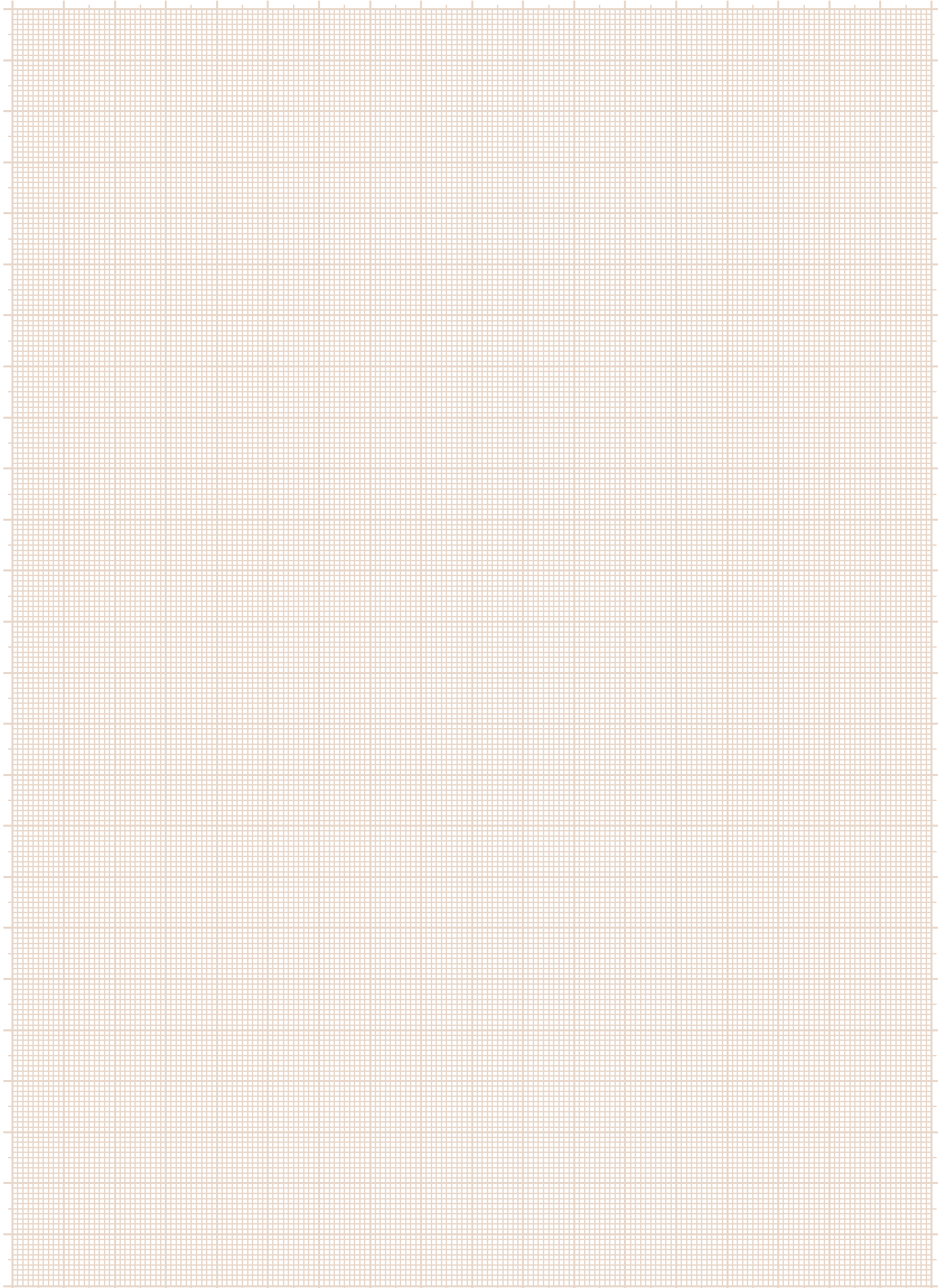


Superseal VSS1.5 (Housing for socket contacts)



Superseal VSS1.5 (Housing for plug contacts)



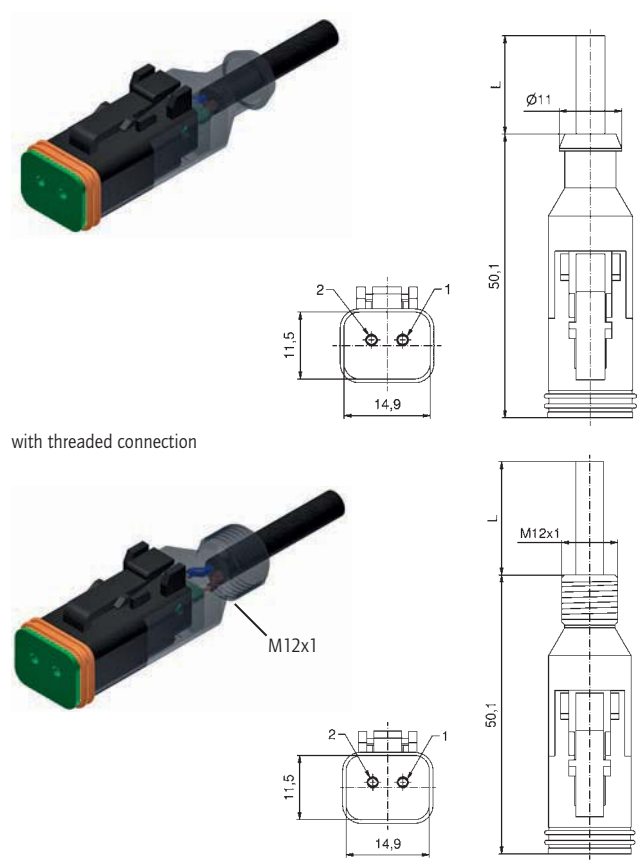


VALVE CONNECTORS

DT-Series

DT06, 2-pos., socket contacts, with LED-protection circuit

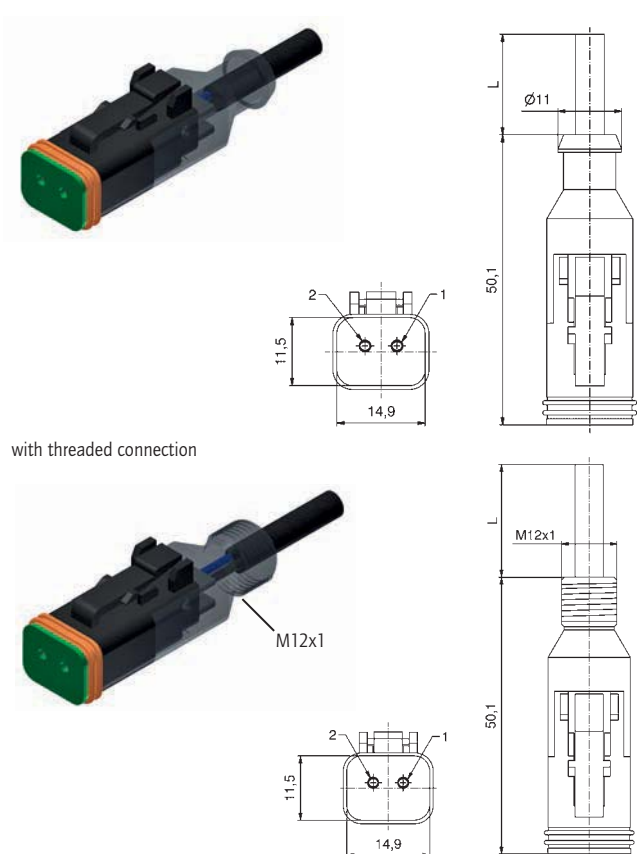
Contact assignment



with threaded connection

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
2	12/24 V AC/DC	8	PUR	2 x 0,75	DT06-2S-B/ K1/0.75/2m	55-00376	
					DT06-2S-B/ K1/0.75/5m	55-00377	
					DT06-2S-B/ K1/0.75/10m	55-00378	
					DT06-2SG-B/ K1/0.75/2m	55-00379	
					DT06-2SG-B/ K1/0.75/5m	55-00380	
					DT06-2SG-B/ K1/0.75/10m	55-00381	

DT06, 2-pos., socket contacts, without protection circuit



with threaded connection

Pin 1 ■
Pin 2 ■

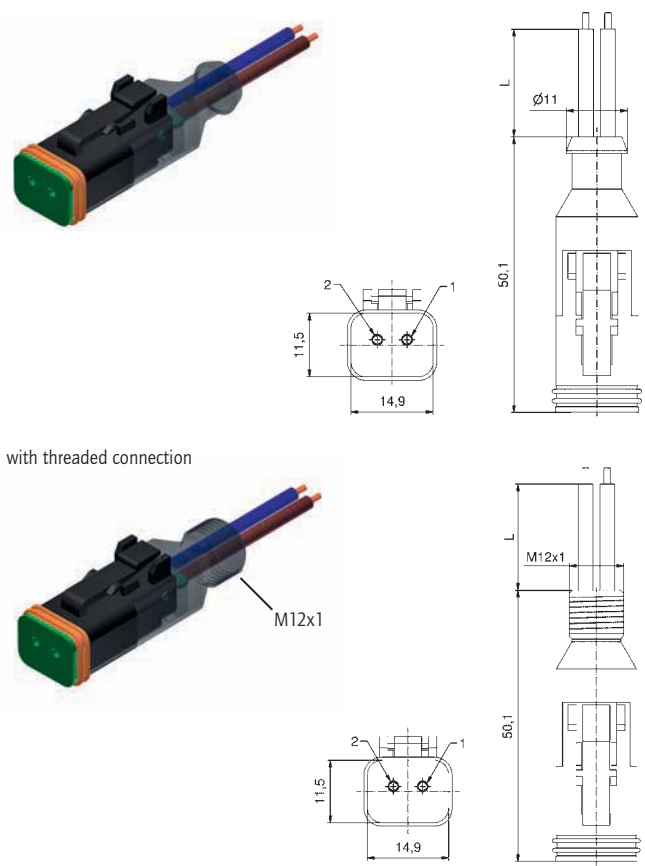
2	10 - 230 V AC/DC	8	PUR	2 x 0,75	DT06-2S-A/ K1/0.75/2m	55-00388
					DT06-2S-A/ K1/0.75/5m	55-00389
					DT06-2S-A/ K1/0.75/10m	55-00390
					DT06-2SG-A/ K1/0.75/2m	55-00391
					DT06-2SG-A/ K1/0.75/5m	55-00392
					DT06-2SG-A/ K1/0.75/10m	55-00393

VALVE CONNECTORS

DT-Series, Single wire

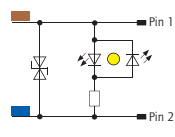
DT06, 2-pos., socket contacts, with LED-protection circuit

Contact assignment



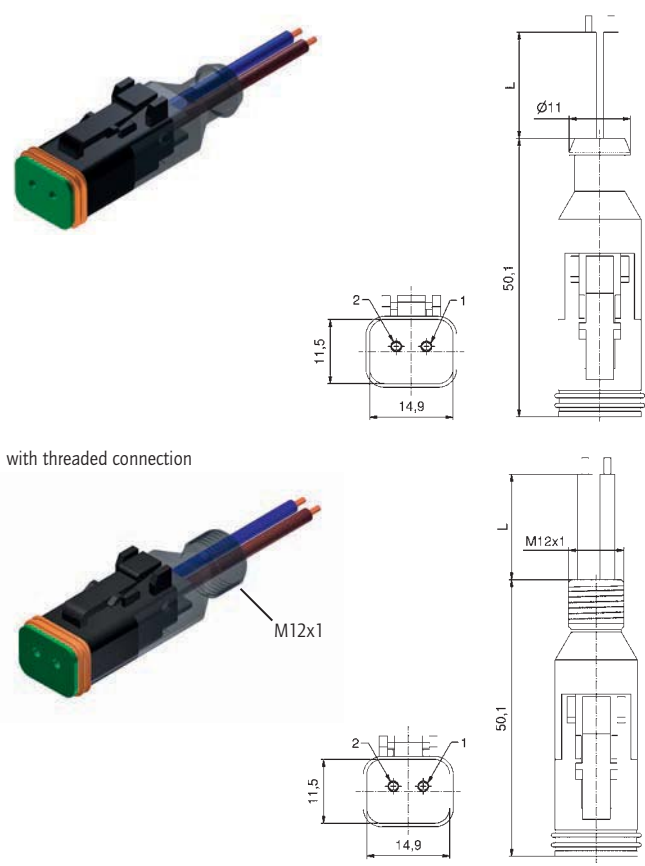
with threaded connection

M12x1



Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
2	12/24 V AC/DC	8	PVC	2 x 0,75	DT06-2SL-B/ A1/0.75/0,5m	55-00560	
					DT06-2SL-B/ A1/0.75/2m	55-00482	
					DT06-2SL-B/ A1/0.75/5m	55-00561	
					DT06-2SLG-B/ A1/0.75/0,5m	55-00562	
					DT06-2SLG-B/ A1/0.75/2m	55-00483	
					DT06-2SLG-B/ A1/0.75/5m	55-00563	

DT06, 2-pos., socket contacts, without protection circuit



with threaded connection

M12x1

Pin 1
Pin 2

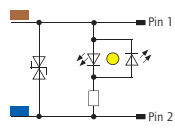
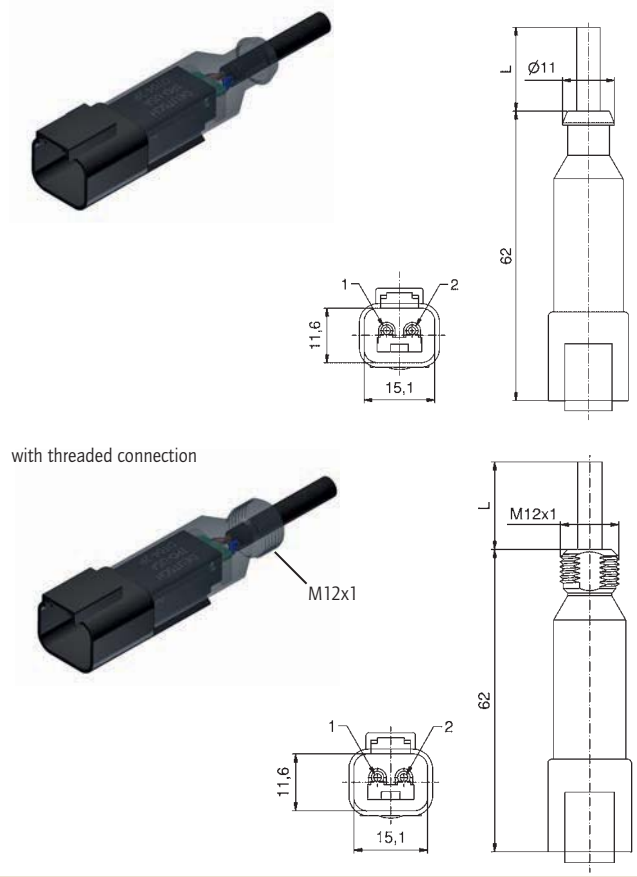
Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
2	10 - 230V AC/DC	8	PVC	2 x 0,75	DT06-2SL-A/ A1/0.75/0,5m	55-00564	
					DT06-2SL-A/ A1/0.75/2m	55-00565	
					DT06-2SL-A/ A1/0.75/5m	55-00566	
					DT06-2SLG-A/ A1/0.75/0,5m	55-00567	
					DT06-2SLG-A/ A1/0.75/2m	55-00568	
					DT06-2SLG-A/ A1/0.75/5m	55-00569	

VALVE CONNECTORS

DT-Series

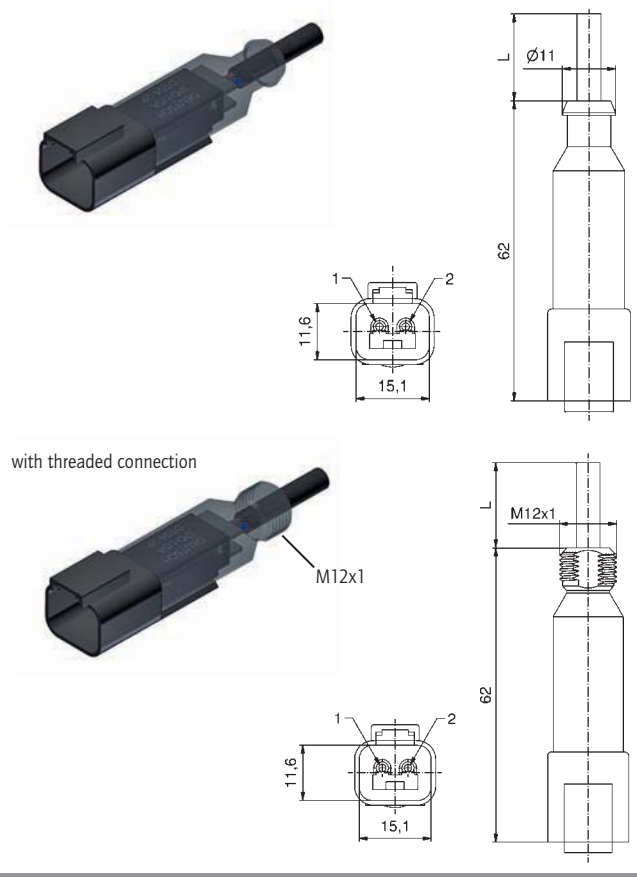
DT04, 2-pos., plug contacts, with LED-protection circuit

Contact assignment



Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
2	12/24 V AC/DC	8	PUR	2 x 0,75	2	DT04-2P-B/ K1/0.75/2m	55-00442
					5	DT04-2P-B/ K1/0.75/5m	55-00443
					10	DT04-2P-B/ K1/0.75/10m	55-00444
					2	DT04-2PG-B/ K1/0.75/2m	55-00445
					5	DT04-2PG-B/ K1/0.75/5m	55-00446
					10	DT04-2PG-B/ K1/0.75/10m	55-00447

DT04, 2-pos., Plug contacts, without protection circuit



2	10 - 230 V AC/DC	8	PUR	2 x 0,75	2	DT04-2P-A/ K1/0.75/2m	55-00448
					5	DT04-2P-A/ K1/0.75/5m	55-00449
					10	DT04-2P-A/ K1/0.75/10m	55-00450
					2	DT04-2PG-A/ K1/0.75/2m	55-00451
					5	DT04-2PG-A/ K1/0.75/5m	55-00452
					10	DT04-2PG-A/ K1/0.75/10m	55-00453

VALVE CONNECTORS

DT-Series, Single wire

DT04, 2-pos., plug contacts, with LED-protection circuit

Contact assignment

Number of poles

Rated voltage [V]

Current rating [A]

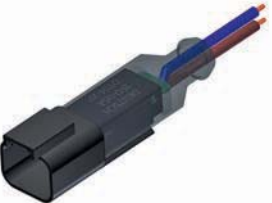
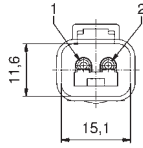
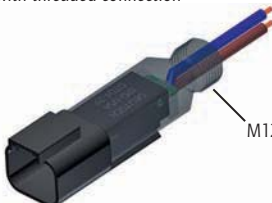
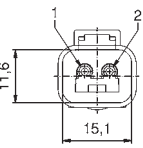
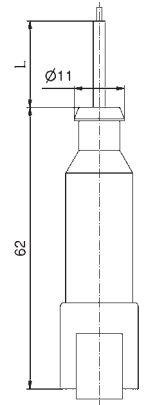
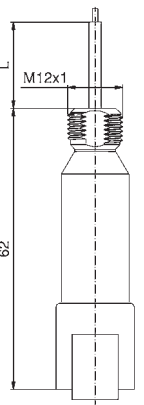
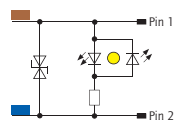
Cable length = L [m]

Cable quality

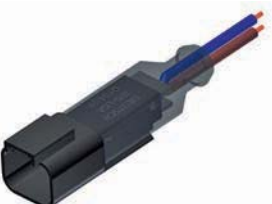
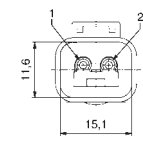
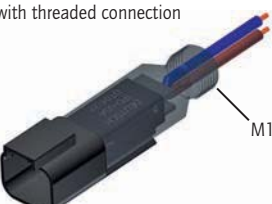
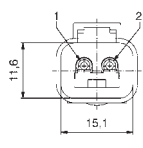
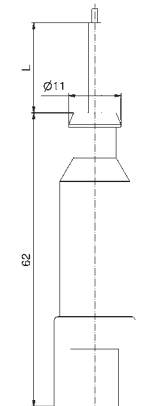
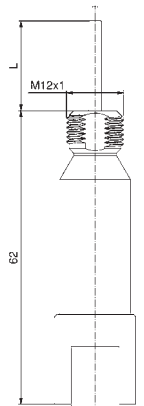

Wire cross section [mm²]

Description

Part No.

   	 		2	12/24 V AC/DC	8	PVC	2 x 0,75	DT04-2PL-B/ A1/0.75/0,5m	55-00570
			2					DT04-2PL-B/ A1/0.75/2m	55-00571
			5					DT04-2PL-B/ A1/0.75/5m	55-00572
			0,5					DT04-2PLG-B/ A1/0.75/0,5m	55-00573
			2					DT04-2PLG-B/ A1/0.75/2m	55-00574
			5					DT04-2PLG-B/ A1/0.75/5m	55-00575

DT04, 2-pos., plug contacts, without protection circuit

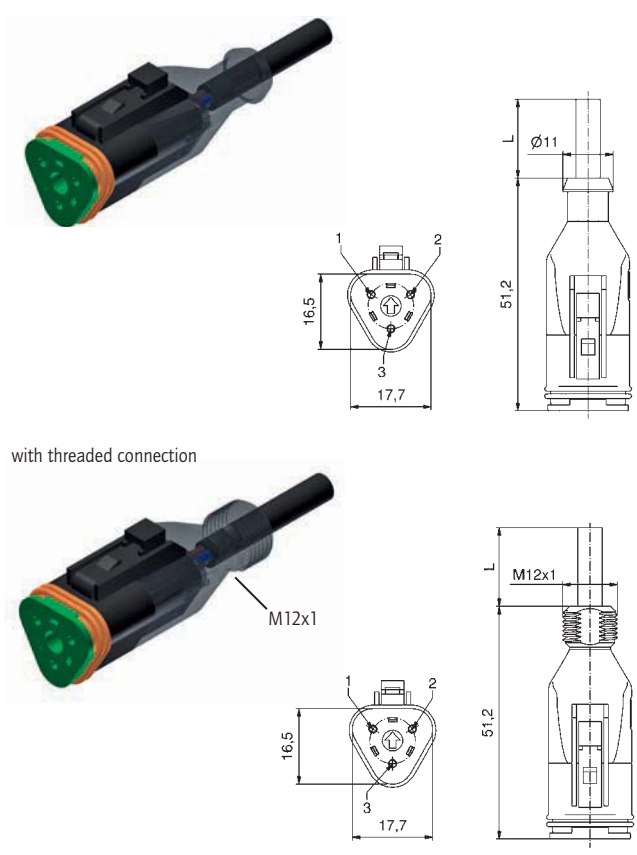
   	 		2	10 - 230 V AC/DC	8	PVC	2 x 0,75	DT04-2PL-A/ A1/0.75/0,5m	55-00576
			2					DT04-2PL-A/ A1/0.75/2m	55-00577
			5					DT04-2PL-A/ A1/0.75/5m	55-00578
			0,5					DT04-2PLG-A/ A1/0.75/0,5m	55-00579
			2					DT04-2PLG-A/ A1/0.75/2m	55-00580
			5					DT04-2PLG-A/ A1/0.75/5m	55-00581

VALVE CONNECTORS

DT-Series

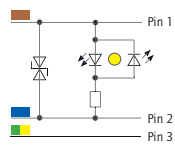
DT06, 3-pos., socket contacts, with LED-protection circuit

Contact assignment



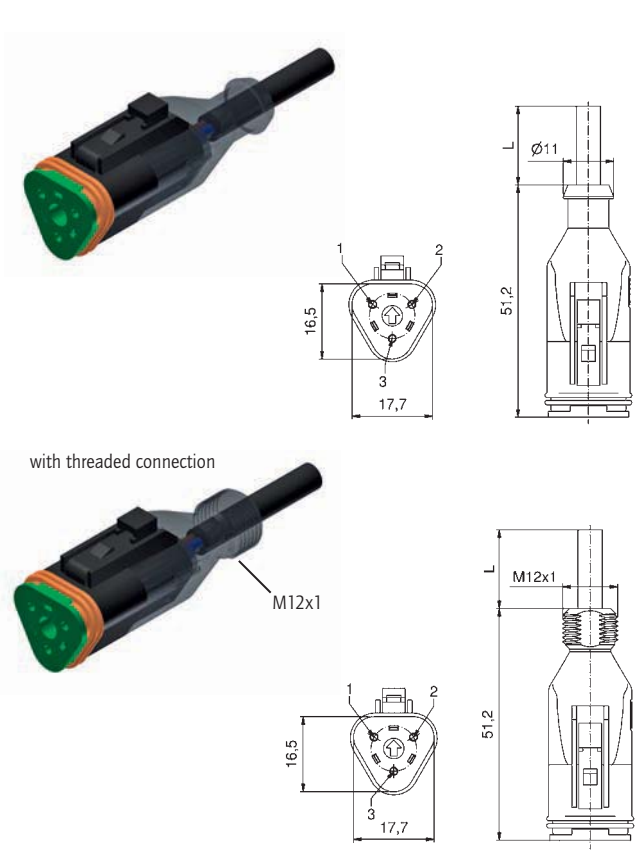
with threaded connection

M12x1



Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
3	12/24 V AC/DC	8	PUR	3 x 0,75	2	DT06-3S-B/ K1/0.75/2m	55-00411
					5	DT06-3S-B/ K1/0.75/5m	55-00412
					10	DT06-3S-B/ K1/0.75/10m	55-00413
					2	DT06-3SG-B/ K1/0.75/2m	55-00414
					5	DT06-3SG-B/ K1/0.75/5m	55-00415
					10	DT06-3SG-B/ K1/0.75/10m	55-00416

DT06, 3-pos., socket contacts, without protection circuit



with threaded connection

M12x1



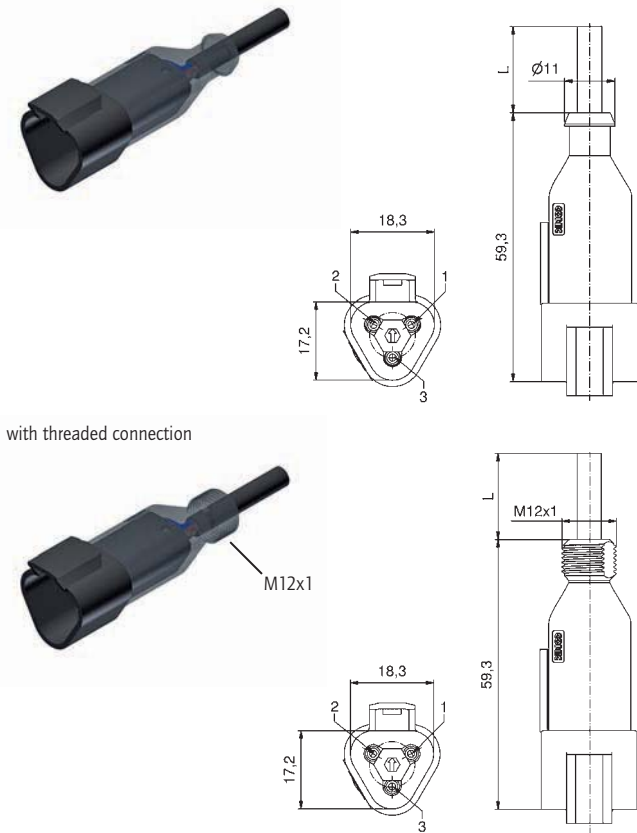
3	10 - 230 V AC/DC	8	PUR	3 x 0,75	2	DT06-3S-A/ K1/0.75/2m	55-00417
					5	DT06-3S-A/ K1/0.75/5m	55-00418
					10	DT06-3S-A/ K1/0.75/10m	55-00419
					2	DT06-3SG-A/ K1/0.75/2m	55-00420
					5	DT06-3SG-A/ K1/0.75/5m	55-00421
					10	DT06-3SG-A/ K1/0.75/10m	55-00422

VALVE CONNECTORS

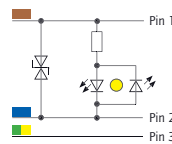
DT-Series

DT04, 3-pos., plug contacts, with LED-protection circuit

Contact assignment

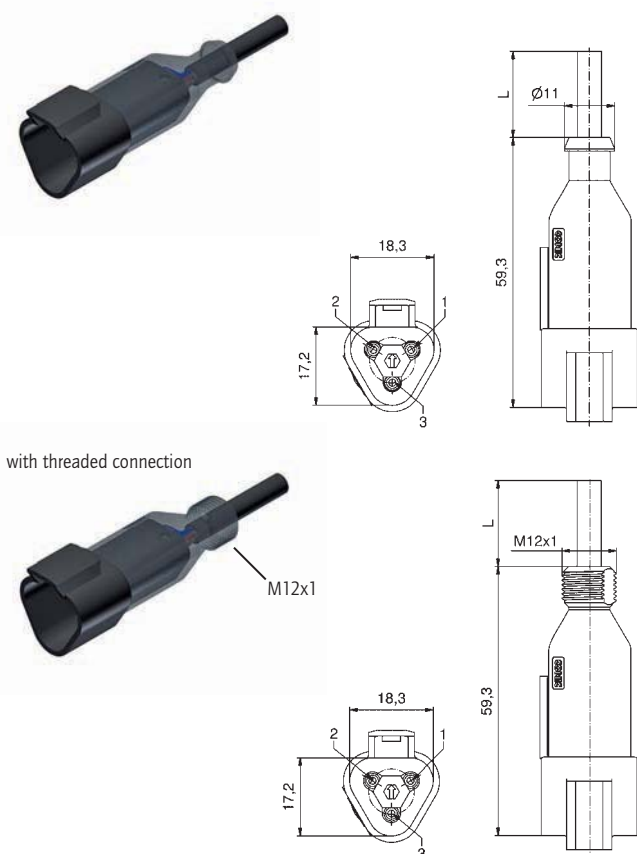


with threaded connection



Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
3	12/24 V AC/DC	8	PUR	3 x 0,75	2	DT04-3P-B/ K1/0.75/2m	55-00423
					5	DT04-3P-B/ K1/0.75/5m	55-00424
					10	DT04-3P-B/ K1/0.75/10m	55-00425
					2	DT04-3PG-B/ K1/0.75/2m	55-00426
					5	DT04-3PG-B/ K1/0.75/5m	55-00427
					10	DT04-3PG-B/ K1/0.75/10m	55-00428

DT06, 3-pos., socket contacts, without protection circuit



with threaded connection





3	10 - 230 V AC/DC	8	PUR	3 x 0,75	2	DT04-3P-A/ K1/0.75/2m	55-00429
					5	DT04-3P-A/ K1/0.75/5m	55-00430
					10	DT04-3P-A/ K1/0.75/10m	55-00431
					2	DT04-3PG-A/ K1/0.75/2m	55-00432
					5	DT04-3PG-A/ K1/0.75/5m	55-00433
					10	DT04-3PG-A/ K1/0.75/10m	55-00434

VALVE CONNECTORS



DT-Series

DT06, 4-pos., socket contacts, without protection circuit

Contact assignment

	Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
 with threaded connection  M12x1	4	10 - 230 V AC/DC	7	PUR	4 x 0,75	2	DT06-4S-A/ K1/0.75/2m	55-00487
						5	DT06-4S-A/ K1/0.75/5m	55-00488
						10	DT06-4S-A/ K1/0.75/10m	55-00489
						2	DT06-4SG-A/ K1/0.75/2m	55-00495
						5	DT06-4SG-A/ K1/0.75/5m	55-00496
						10	DT06-4SG-A/ K1/0.75/10m	55-00497

DT04, 4-pos., plug contacts, without protection circuit

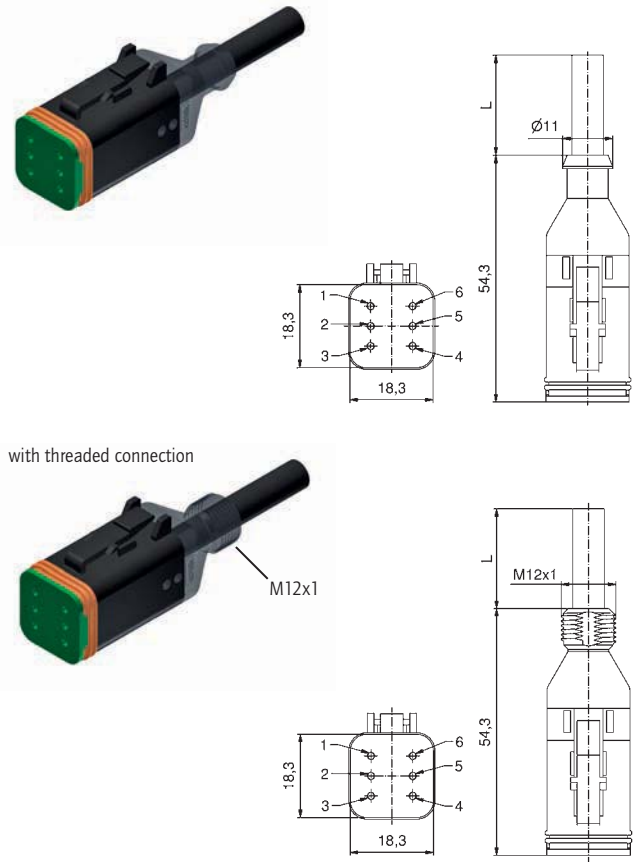
	Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
 with threaded connection  M12x1	4	10 - 230 V AC/DC	7	PUR	4 x 0,75	2	DT04-4P-A/ K1/0.75/2m	55-00490
						5	DT04-4P-A/ K1/0.75/5m	55-00491
						10	DT04-4P-A/ K1/0.75/10m	55-00492
						2	DT04-4PG-A/ K1/0.75/2m	55-00498
						5	DT04-4PG-A/ K1/0.75/5m	55-00499
						10	DT04-4PG-A/ K1/0.75/10m	55-00500

VALVE CONNECTORS

DT-Series

DT06, 6-pos., socket contacts, without protection circuit

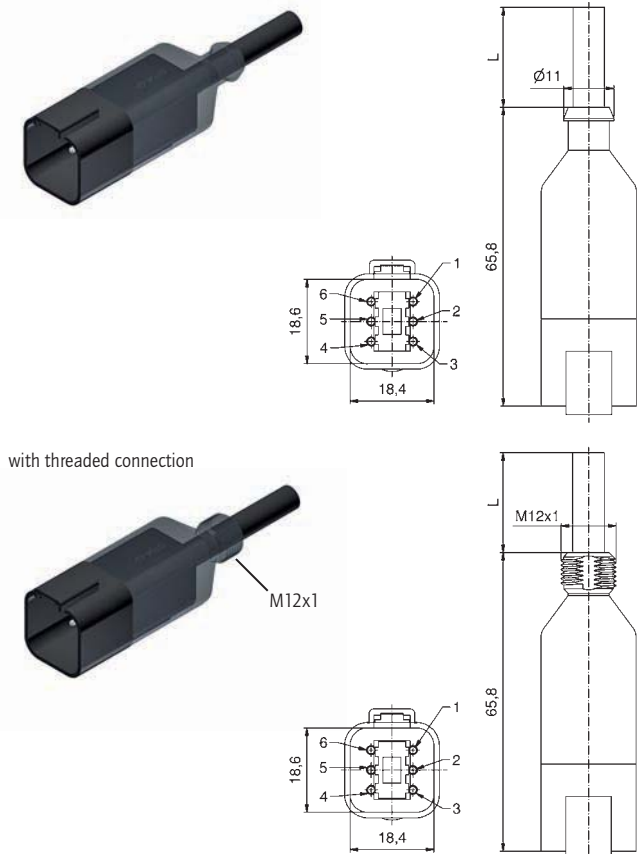
Contact assignment



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
6	10 - 230V AC/DC	6	PUR	6 x 0,75	2	DT06-6S-A/ K1/0.75/2m	55-00501
					5	DT06-6S-A/ K1/0.75/5m	55-00502
					10	DT06-6S-A/ K1/0.75/10m	55-00503
					2	DT06-6SG-A/ K1/0.75/2m	55-00504
					5	DT06-6SG-A/ K1/0.75/5m	55-00505
					10	DT06-6SG-A/ K1/0.75/10m	55-00506

DT04, 6-pos., plug contacts, without protection circuit



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■

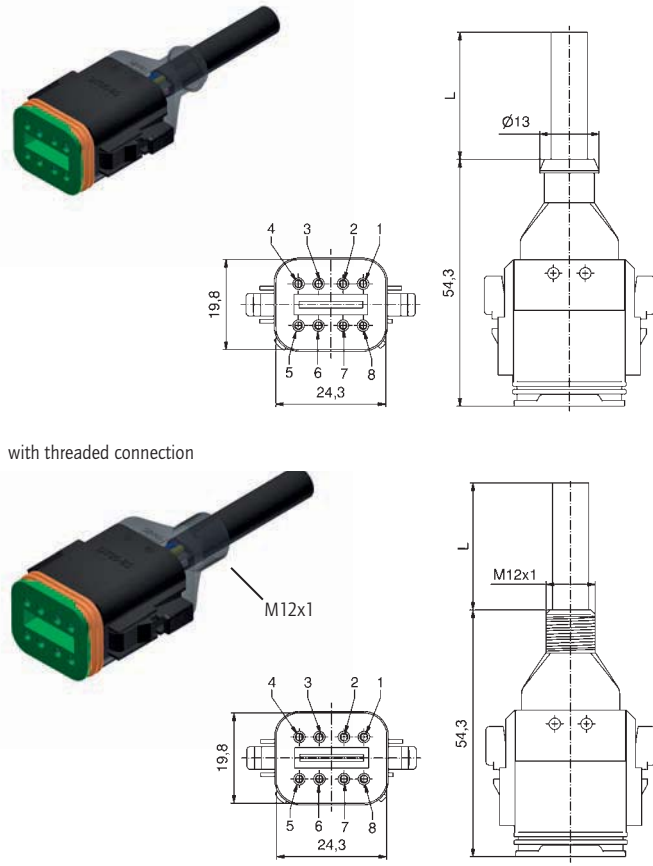
6	10 - 230V AC/DC	6	PUR	6 x 0,75	2	DT04-6P-A/ K1/0.75/2m	55-00507
					5	DT04-6P-A/ K1/0.75/5m	55-00508
					10	DT04-6P-A/ K1/0.75/10m	55-00509
					2	DT04-6PG-A/ K1/0.75/2m	55-00510
					5	DT04-6PG-A/ K1/0.75/5m	55-00511
					10	DT04-6PG-A/ K1/0.75/10m	55-00512

VALVE CONNECTORS

DT-Series

DT06, 8-pos., socket contacts, without protection circuit

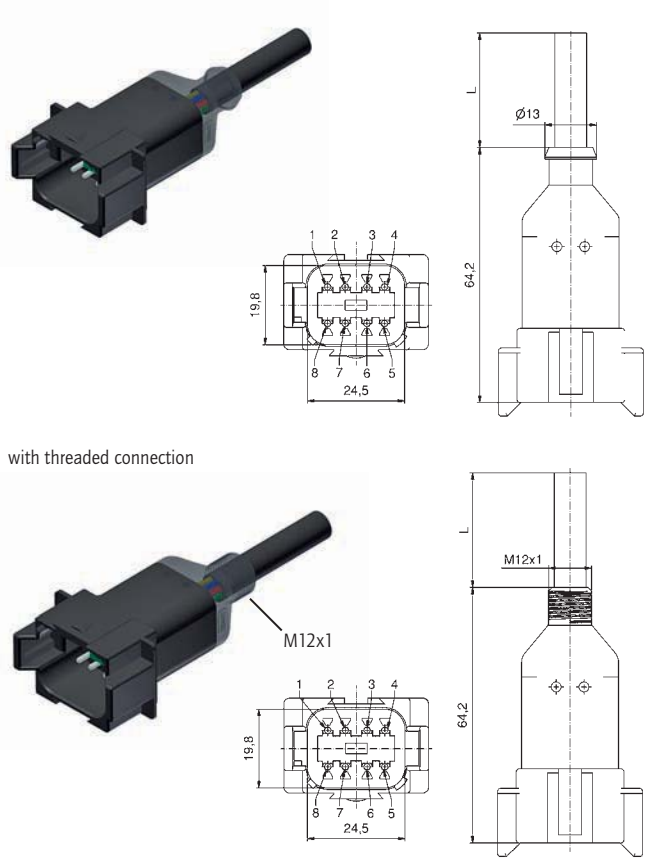
Contact assignment



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■
- Pin 8 ■

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
8	10 - 230 V AC/DC	6	PUR	8 x 0,75	2	DT06-8AS-A/ K1/0.75/2m	55-00526
					5	DT06-8AS-A/ K1/0.75/5m	55-00527
					10	DT06-8AS-A/ K1/0.75/10m	55-00528
					2	DT06-8ASG-A/ K1/0.75/2m	55-00532
					5	DT06-8ASG-A/ K1/0.75/5m	55-00533
					10	DT06-8ASG-A/ K1/0.75/10m	55-00534

DT04, 8-pos., plug contacts DT04, without protection circuit



- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■
- Pin 5 ■
- Pin 6 ■
- Pin 7 ■
- Pin 8 ■

8	10 - 230 V AC/DC	6	PUR	8 x 0,75	2	DT04-8AP-A/ K1/0.75/2m	55-00529
					5	DT04-8AP-A/ K1/0.75/5m	55-00530
					10	DT04-8AP-A/ K1/0.75/10m	55-00531
					2	DT04-8APG-A/ K1/0.75/2m	55-00535
					5	DT04-8APG-A/ K1/0.75/5m	55-00536
					10	DT04-8APG-A/ K1/0.75/10m	55-00537

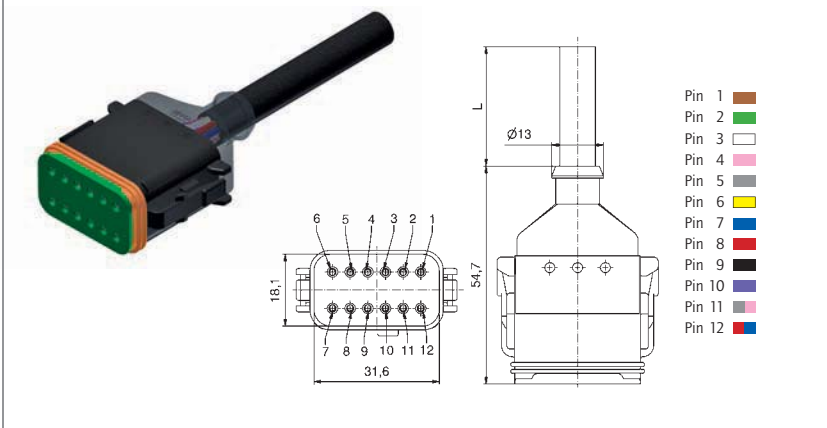
VALVE CONNECTORS

DT-Series

DT06, 12-pos., socket contacts, without protection circuit

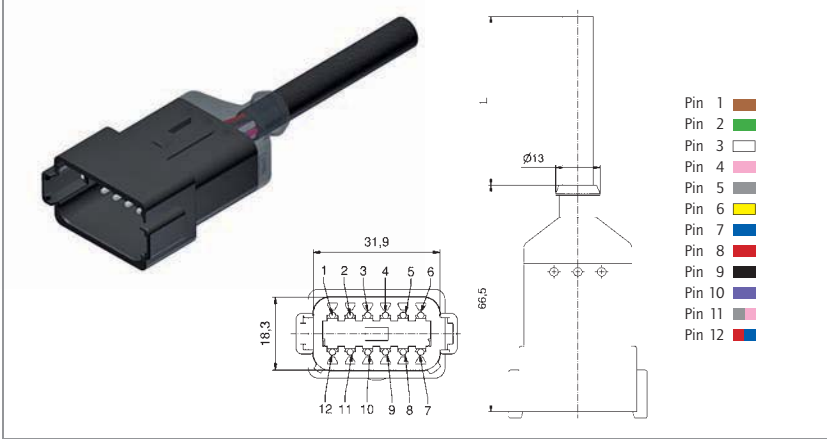
Contact assignment

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
12	10 - 230 V AC/DC	5	5	PUR	12 x 0,75	DT06-12AS-A/ K1/0.75/2m	55-00553
						DT06-12AS-A/ K1/0.75/5m	55-00554
						DT06-12AS-A/ K1/0.75/10m	55-00555




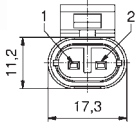
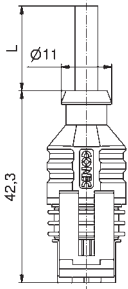

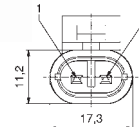
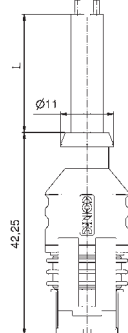

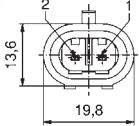
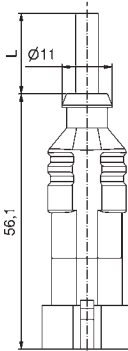

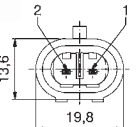
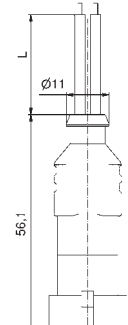
DT04, 12-pos., plug contacts, without protection circuit

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
12	10 - 230 V AC/DC	5	5	PUR	12 x 0,75	DT04-12AP-A/ K1/0.75/2m	55-00556
						DT04-12AP-A/ K1/0.75/5m	55-00557
						DT04-12AP-A/ K1/0.75/10m	55-00558




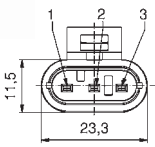
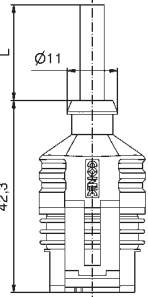

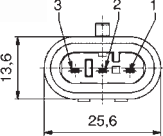
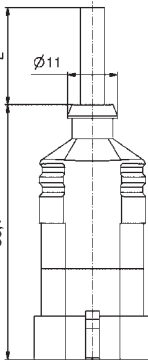

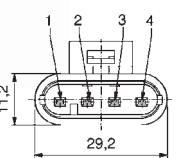
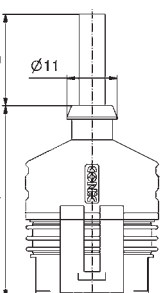

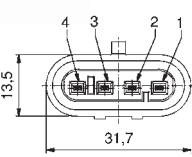
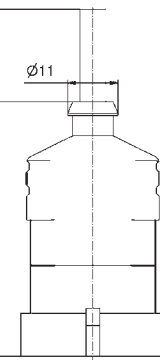
VALVE CONNECTORS

Superseal

		Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
VSS 1.5, 2-pos., socket contacts		Contact assignment							
   <p>Pin 1 ■ Pin 2 ■</p>	2	max. 24 V DC	8	5	PUR	2 x 0,75	VSS1.5-2S-A/ K1/0.75/2m	55-00470	
								VSS1.5-2S-A/ K1/0.75/5m	55-00471
								VSS1.5-2S-A/ K1/0.75/10m	55-00472
VSS 1.5, 2-pos., socket contacts, single wire									
   <p>Pin 1 ■ Pin 2 ■</p>	2	max. 24 V DC	8	2	PVC	2 x 0,75	VSS1.5-2SL-A/ A1/0.75/0,5m	55-00582	
								VSS1.5-2SL-A/ A1/0.75/2m	55-00583
								VSS1.5-2SL-A/ A1/0.75/5m	55-00584
VSS 1.5, 2-pos., plug contacts									
   <p>Pin 1 ■ Pin 2 ■</p>	2	max. 24 V DC	8	5	PUR	2 x 0,75	VSS1.5-2P-A/ K1/0.75/2m	55-00466	
								VSS1.5-2P-A/ K1/0.75/5m	55-00467
								VSS1.5-2P-A/ K1/0.75/10m	55-00468
VSS 1.5, 2-pos., plug contacts, single wire									
   <p>Pin 1 ■ Pin 2 ■</p>	2	max. 24 V DC	8	2	PVC	2 x 0,75	VSS1.5-2PL-A/ A1/0.75/0,5m	55-00585	
								VSS1.5-2PL-A/ A1/0.75/2m	55-00586
								VSS1.5-2PL-A/ A1/0.75/5m	55-00587

VALVE CONNECTORS

Superseal

VSS 1.5, 3-pos., socket contacts		Contact assignment	Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.	
   Pin 1 ■ Pin 2 ■ Pin 3 ■			3	max. 24 V DC	8	5	PUR	3 x 0,75	VSS1.5-3S-A/ K1/0.75/2m	55-00478	
										VSS1.5-3S-A/ K1/0.75/5m	55-00479
										VSS1.5-3S-A/ K1/0.75/10m	55-00480
VSS 1.5, 3-pos., plug contacts											
   Pin 1 ■ Pin 2 ■ Pin 3 ■			3	max. 24 V DC	8	5	PUR	3 x 0,75 mm ²	VSS1.5-3P-A/ K1/0.75/2m	55-00474	
										VSS1.5-3P-A/ K1/0.75/5m	55-00475
										VSS1.5-3P-A/ K1/0.75/10m	55-00476
VSS 1.5, 4-pos., socket contacts											
   Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■			4	max. 24 V DC	7	5	PUR	4 x 0,75	VSS1.5-4S-A/ K1/0.75/2m	55-00595	
										VSS1.5-4S-A/ K1/0.75/5m	55-00596
										VSS1.5-4S-A/ K1/0.75/10m	55-00597
VSS 1.5, 4-pos., plug contacts											
   Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■			4	max. 24 V DC	7	5	PUR	4 x 0,75	VSS1.5-4P-A/ K1/0.75/2m	55-00598	
										VSS1.5-4P-A/ K1/0.75/5m	55-00599
										VSS1.5-4P-A/ K1/0.75/10m	55-00600

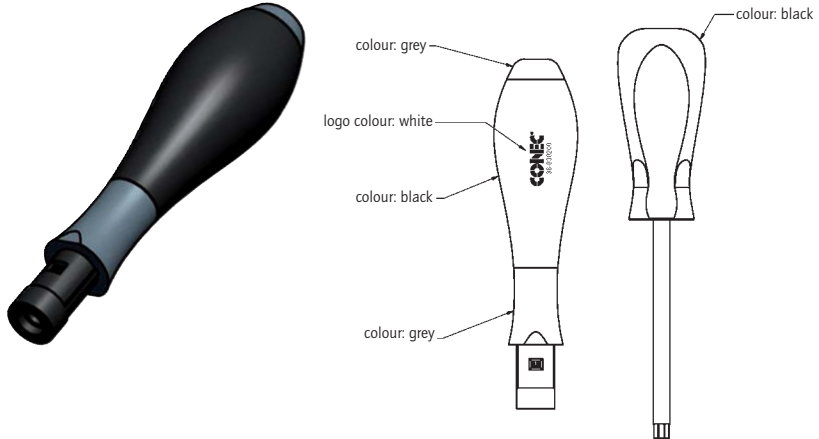
SECTION 12
ACCESSORIES



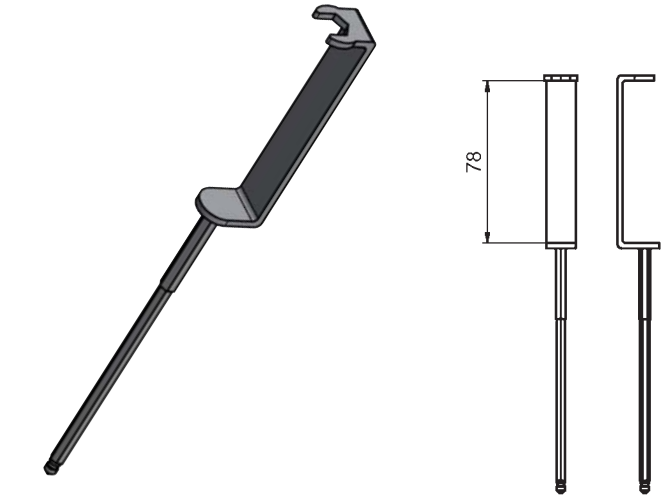


ACCESSORIES

Torque wrench

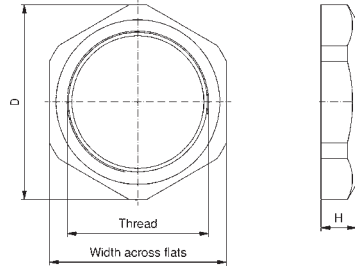
	Width across flats	Description	Part No.
		Torque 0.5-1.7Nm	36-000200

Plug insert for torque wrench

	SW9		36-000210
	SW10		36-000270
	SW12		36-000470
	SW13		36-000220
	SW14		36-000370
	SW15		36-000320
	SW17		36-000230
	SW18		36-000240
	SW19		36-000250

ACCESSORIES

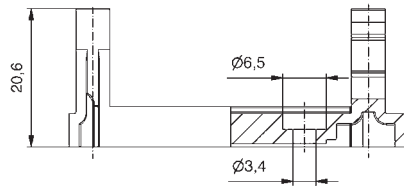
Hex nut



Thread	Width across flats	Outer $\varnothing = D$ [mm]	Height = H [mm]	Material	Description	Part No.
M8x0,5	SW10	11	2	CuZn		42-01046
M8x0,5	SW10	11	2	VA		42-01082
M10x1	SW12	13,5	2,5	CuZn		42-01508
M12x1	SW15	17	2,8	CuZn		43-01716
M16x1,5	SW18	20	2,65	CuZn		43-01155
PG9	SW18	20	2,8	CuZn		43-01156
PG11	SW21	23	3	CuZn		41-40036
PG13,5	SW23	25	3	CuZn		41-40029

Tool holder

For T-splitter M12x1



				PA		43-05163
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ACCESSORIES

Protection caps

M8x1 thread

		Material	Material loop	Material Sealing	Temperature range	Degree of protection	Recommended torque [Nm]	Description	Part No.
		PA GF		FPM	-30°C up to +100°C	IP67	0.4	Male connector	42-11774
		PA GF	TPU-V	FPM	-30°C up to +85°C	IP67	0.4	Male connector with loop	42-11775
		PA GF			-30°C up to +100°C	IP67	0.4	Female connector	42-11772
		PA GF	TPU-V		-30°C up to +85°C	IP67	0.4	Female connector with loop	42-11773


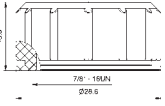

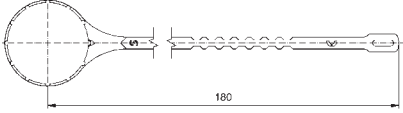

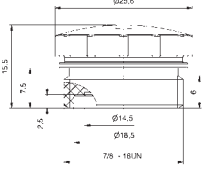

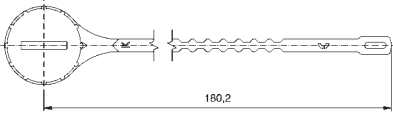
M12x1 thread

		PA GF		FPM	-30°C up to +100°C	IP67	0.6	Male connector black	43-16213
		PA GF		FPM	-30°C up to +100°C	IP67	0.6	Male connector bright ivory-colored	43-15753
		PA GF	TPU-V	FPM	-30°C up to +85°C	IP67	0.6	Male connector with loop	43-16214
		PA GF			-30°C up to +100°C	IP67	0.6	Female connector black	43-16211
		PA GF	TPU-V		-30°C up to +85°C	IP67	0.6	Female connector with loop	43-16212
		PVC			-30°C up to +105°C	IP67	0.6	Female connector white	43-11358

ACCESSORIES

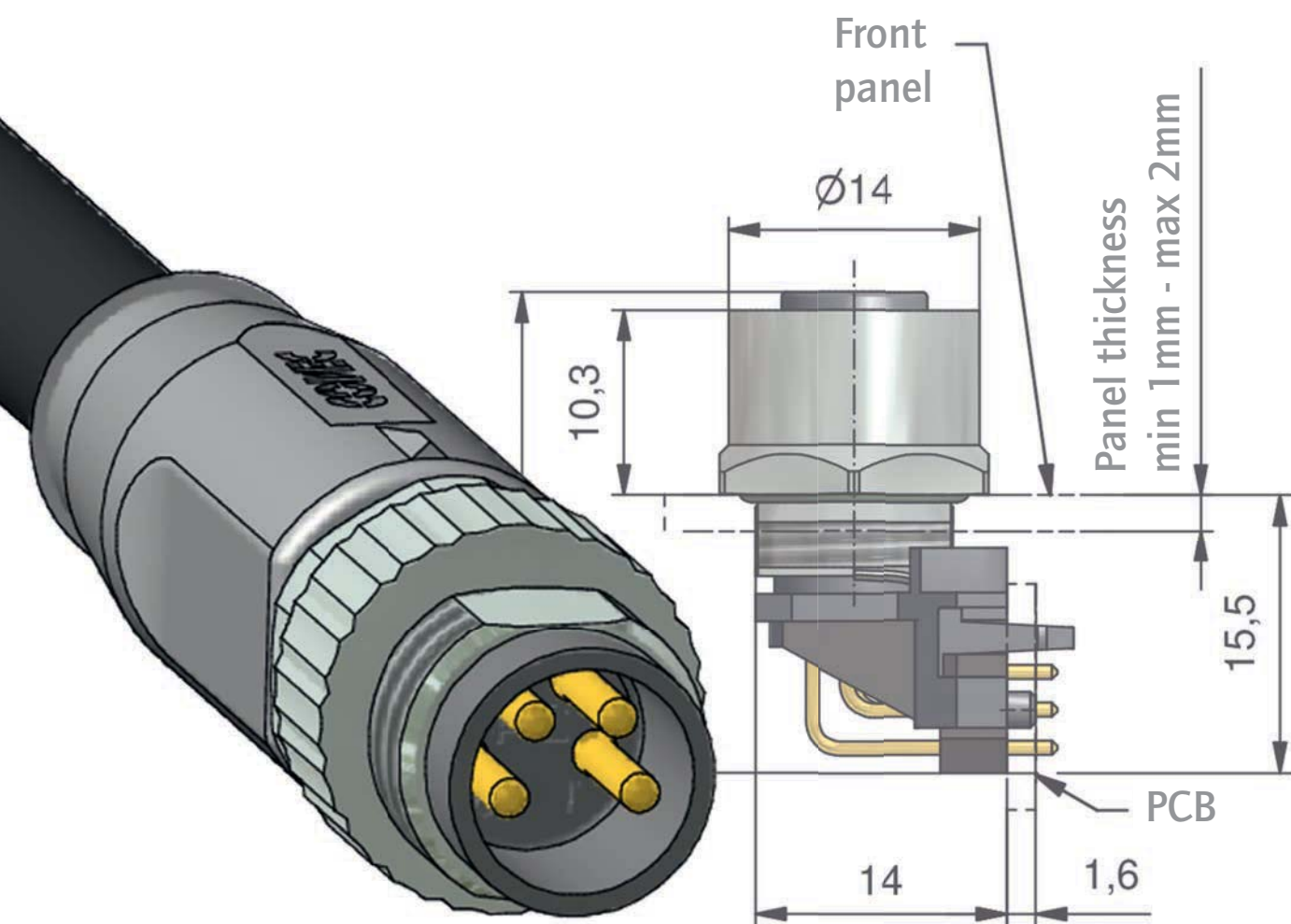
Protection caps

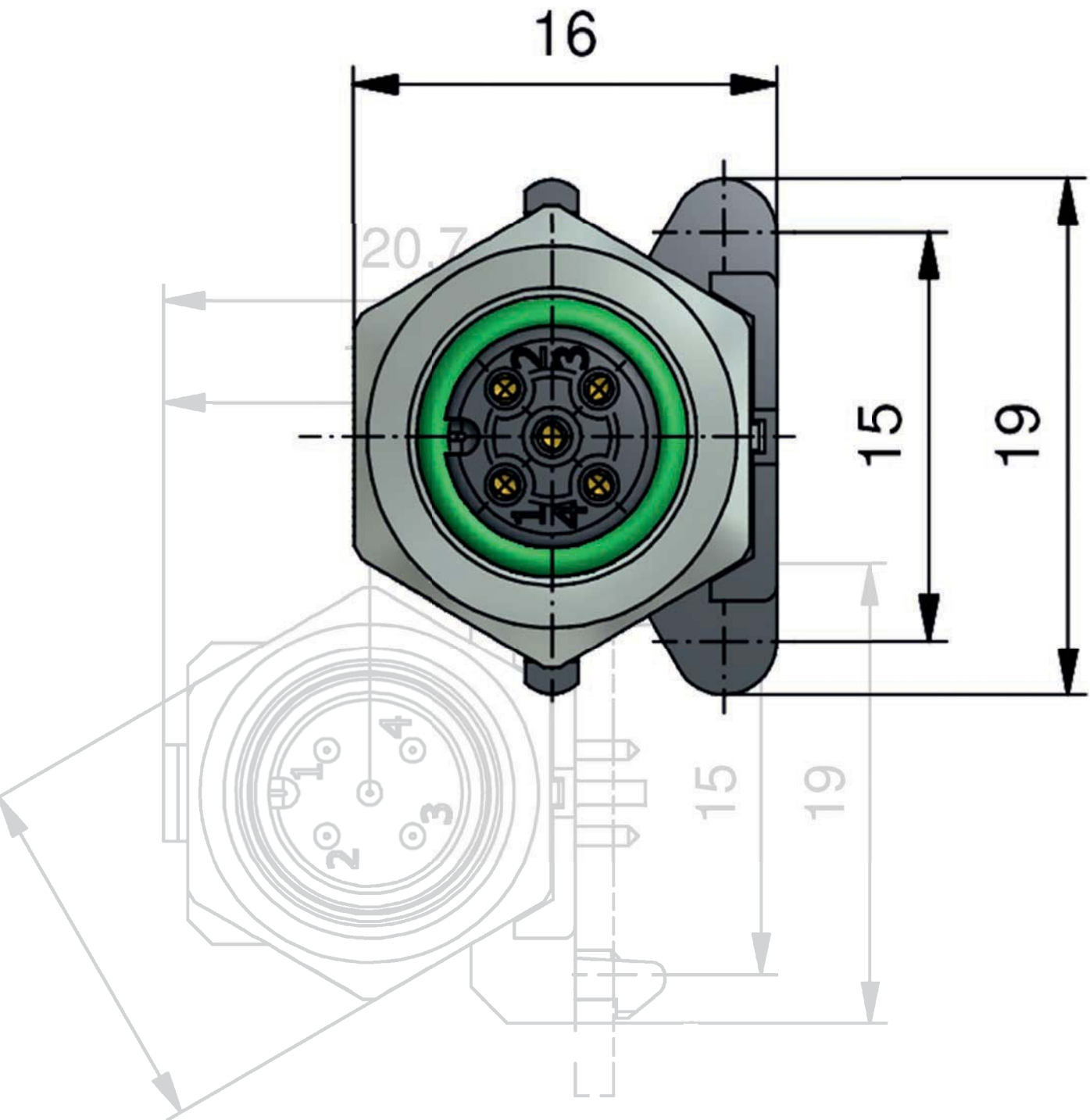
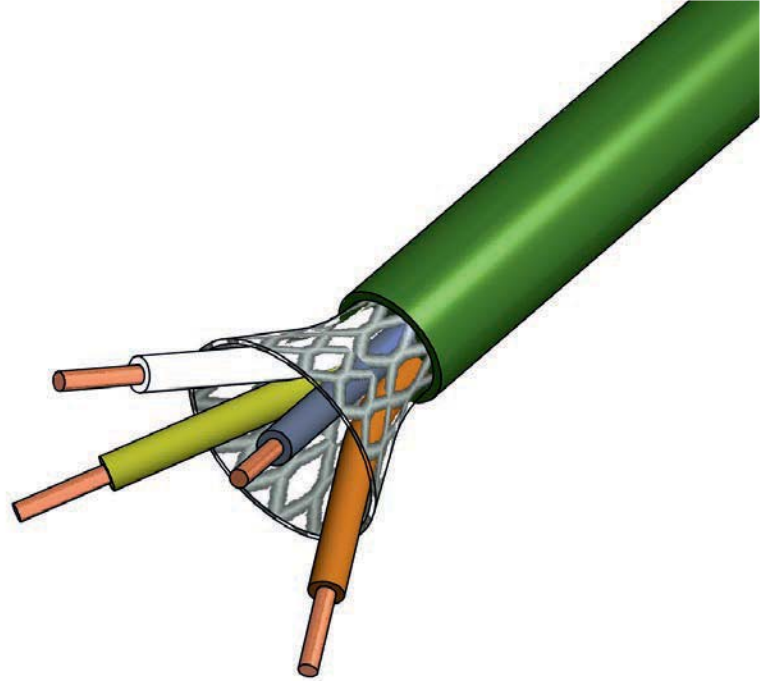
7/8"

		Material protection cap	Material loop	Temperature range	Degree of protection	Recommended torque [Nm]	Description	Part No.
		PA GF		-30°C up to +100°C	IP67	0.8	Male connector	41-01478
		PA GF	TPU-V	-30°C up to +100°C	IP67	0.8	Male connector with loop	41-01479
		PA GF		-30°C up to +100°C	IP67	0.8	Female connector	41-01476
		PA GF	TPU-V	-30°C up to +100°C	IP67	0.8	Female connector with loop	41-01477

SECTION 13


TECHNICAL INFORMATION





TECHNICAL INFORMATION
Cable qualities

Cable unshielded

PVC	Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.	
<p>A1 = LiYY A3 = LiYY, 300 V A6 = LiYY, 600 V</p> 	0.14	8	grey	UL 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- A1 1800	
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- A3 1120	
	0.25	3	grey		BN - BU - BK	781- A1 2300	
		4			BN - WH - BU - BK	781- A1 2400	
		5			BN - WH - BU - BK - GN/YE	781- A1 2500	
					BN - WH - BU - BK - GY	781- A1 250G	
		6			BN - WH - BU - BK - GY - PK	781- A1 2600	
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- A1 2800	
	0.34	3	grey		BN - BU - BK	781- A1 3300	
					BN - BU - GN/YE	781- A1 330G	
		4			BN - WH - BU - BK	781- A1 3400	
					BN - BK - BU - GN/YE	781- A1 340G	
					5	BN - WH - BU - BK - GY	781- A1 350G
	BN - WH - BU - BK - GN/YE	781- A1 3500					
	0.5	3	grey		BN - BU - BK	781- A1 530G	
		4			BN - WH - BU - BK	781- A1 5400	
	0.75	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 7300	
		4			BN - WH - BU - BK	781- A3 7400	
		5		UL 2464	BU - BK - WH - BN - GN/YE	781- A3 7500	
					7	WH - BN - GN - YE - GY - PK - GN/YE	781- A3 7700
1.5	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 8300		
				4	UL 2464	BN - BU - BK - GN/YE	781- A3 8400
						BN - WH - BU - BK	781- A3 840G
5	BU - BK - WH - BN - GN/YE	781- A3 8500					
2.5	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 9300		
	5			BU - BK - WH - BN - GN/YE	781- A6 9500		

TECHNICAL INFORMATION
Cable qualities

Cable unshielded

TPU, halogenfree, for drag chain applications


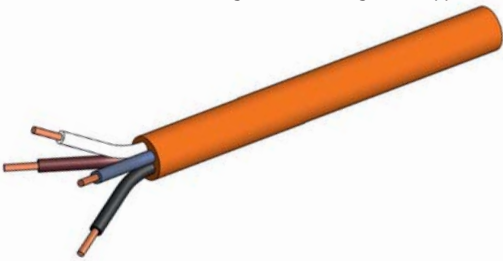
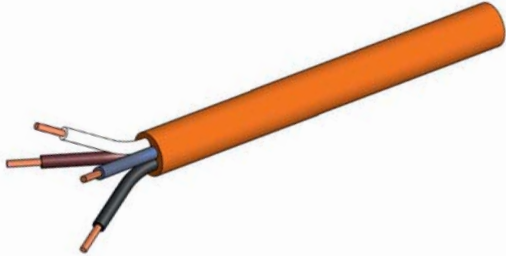

K0 = Li9Y11Y, 600 V, halogenfree, for drag chain applications
K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications
H5 = Li9Y11Y, halogenfree, for many different applications



Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- K1 1800
	12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 1120
0.14/0.34	3/ 2	black	UL 20549 / 10152	BN (0,34) - WH - BU(0,34) - BK - GY	781- H5 004H
0.25	3	black	cULus 20549	BN - BU - BK	781- K1 2300
	4			BN - WH - BU - BK	781- K1 2400
	5			BN - WH - BU - BK - GY	781- K1 2500
				BN - WH - BU - BK - GN/YE	781- K1 250G
	6			BN - WH - BU - BK - GY - PK	781- K1 2600
	8			WH - BN - GN - YE - GY - PK - BU - RD	781- K1 2800
0.34	3	black	cULus 20549	BN - BU - BK	781- K1 3300
				BN - BU - GN/YE	781- K1 330G
	4			BN - WH - BU - BK	781- K1 3400
				BN - BK - BU - GN/YE	781- K1 340G
	5			BN - WH - BU - BK - GY	781- K1 350G
				BN - WH - BU - BK - GN/YE	781- K1 3500
0.34 / 1.0	8/ 3	black	UL 20549	GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - GN/YE (1,0) - BN/GN - WH - YE - BN (1,0)	781- K1 007H
	16/3			RD - VT - GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - WH/YE - WH/GY - BK - GN/YE (1,0) - BN/GN - WH - YE - PK - GY/BN - BN (1,0), YE/BN	781- K1 006H
0.5	3	black	cULus 20549	BN - BU - BK	781- K1 5300
	4			BN - WH - BU - BK	781- K1 5400
0.75	2	black	cULus 20549	BN - BU	781- K1 7200
				BN - BU - GN/YE	781- K1 7300
	3		cULus 20940	BN - BU - BK	781- K1 730G
				BN - BU - GN/YE	781- K0 7300
	4		cULus 20549	BN - BU - BK - GN/YE	781- K1 7400
				BN - WH - BU - BK	781- K1 740G
				BN - WH - BU - BK - GN/YE	781- K1 7500
				BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 7120

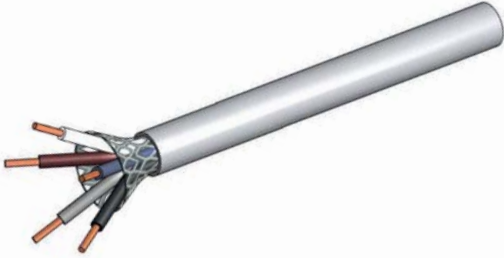

TECHNICAL INFORMATION
Cable qualities

Cable unshielded

		Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.		
TPU, halogenfree, for drag chain applications									
<p>KO = Li9Y11Y, 600 V, halogenfree, for drag chain applications K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications</p> 		1.5	2	black	cULus 20549	BN - BU	781- K1 8200		
			3			BN - BU - GN/YE	781- KO 8300		
			4			BN - BU - BK - GN/YE	781- K1 8400		
			4			BN - WH - BU - BK	781- K1 840G		
			5			BN - WH - BU - BK - GN/YE	781- K1 8500		
		2.5	3	black	cULus 20940	BN - BU - GN/YE	781- KO 9300		
			5			BN - WH - BU - BK - GN/YE	781- KO 9500		
		TPU, irradiated							
		<p>J1 = Li12Y11X, 300 V, halogenfree, for drag chain applications, welding spatter resistant</p> 		0.34	3	orange	cULus 20549	BN - BU - BK	781- J1 3300
					4			BN - WH - BU - BK	781- J1 3400
5	BN - WH - BU - BK - GN/YE				781- J1 3500				
PP									
<p>P1 = Li12Y9Y, halogenfree</p> 		0.25	3	orange		BN - BU - BK	781- P1 2300		
			4			BN - WH - BU - BK	781- P1 2400		
		0.34	4	orange		BN - WH - BU - BK	781- P1 3400		
			5			BN - WH - BU - BK - GN/YE	781- P1 3500		
			TPE						
<p>S1 = Li12Y33X, halogenfree, welding spatter resistant</p> 		0.34	4	black		BN - WH - BU - BK	781- S1 3400		
			5			BN - WH - BU - BK - GN/YE	781- S1 3500		

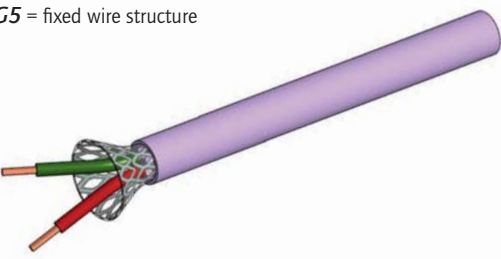
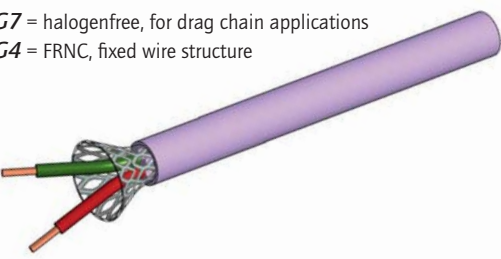
TECHNICAL INFORMATION
Cable qualities

Cable shielded

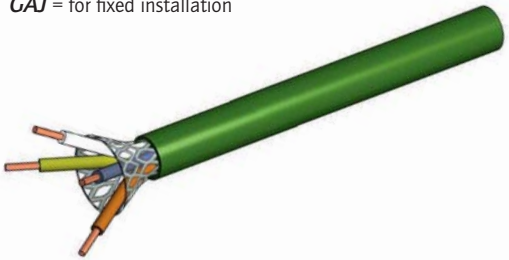
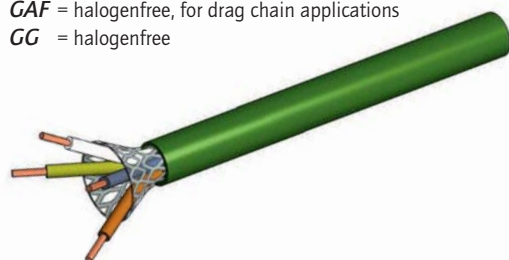
PVC	Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.	
<p>G3 = LiYFCY, 300 V GOA = LiYFCY, 1000 V</p> 	0.14	8	grey	cULus 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- G3 1800	
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- G3 1120	
	0.25	3	grey	cULus 2464	BN - BU - BK	781- G3 2300	
		4			BN - WH - BU - BK	781- G3 2400	
		5			BN - WH - BU - BK - GY	781- G3 2500	
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G3 2800	
	0.34	4	grey	cULus 2464	BN - WH - BU - BK	781- G3 3400	
	1.5	4	orange	UL 2570	SW1 - SW2 - SW3 - GN/YE	781- GOA 8400	
	TPU, halogenfree						
	<p>G2 = Li9YC11Y, 300 V, halogenfree, for many different applications GOB = Li9YC11Y, 1000 V, halogenfree, for drag chain applications</p> 	0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- G2 1800
12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU			781- G2 1120	
0.25		3	black	cULus 20549	BN - BU - BK	781- G2 2300	
		4			BN - WH - BU - BK	781- G2 2400	
		5			BN - WH - BU - BK - GY	781- G2 2500	
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G2 2800	
0.34		4	black	cULus 20549	BN - WH - BU - BK	781- G2 3400	
1.5		4	orange	UL 21223	SW1 - SW2 - SW3 - GN/YE	781- GOB 8400	

TECHNICAL INFORMATION
Cable qualities

Profibus DP
Data cable shielded

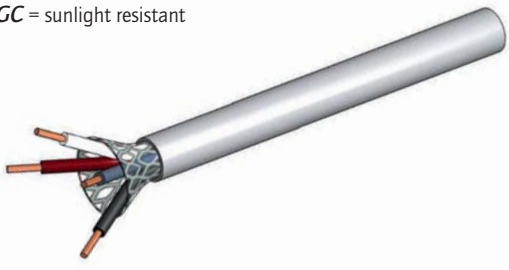
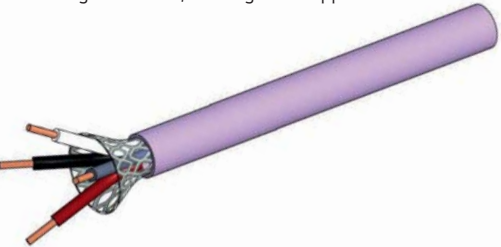
PVC	Wire cross section	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>G5 = fixed wire structure</p> 	AWG 22	2	violet	yes	RD - GN	781- G5 3200
<p>G7 = halogenfree, for drag chain applications G4 = FRNC, fixed wire structure</p> 	AWG 23	2	violet	yes	RD - GN	781- G7 0200
	AWG 22	2		yes	RD - GN	781- G4 3200

Ethernet
Data cable shielded

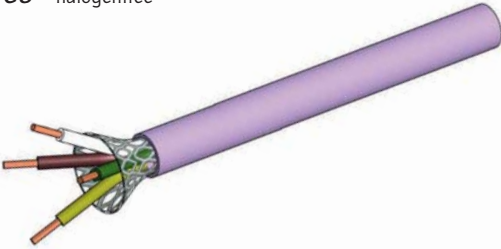
PVC	Wire cross section	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>GAJ = for fixed installation</p> 	AWG 24	4x2	green	UL 2464	WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GAJ 080T
<p>G6 = UV resistant, for drag chain applications GD = halogenfree, for drag chain applications GAF = halogenfree, for drag chain applications GG = halogenfree</p> 	0,15 mm ²	4	green	UL 20963	WSBU - BU - WSOR - OR	781- GD 1400
	AWG 22	4		yes	YE - WH - BU - OR	781- G6 3400
	AWG 24	4x2	UL 20236	YE - WH - BU - OR	781- GAF 3400	
				WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GAF 080T	
				WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GG 180T	
AWG 26	4x2	water-blue		WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN		

TECHNICAL INFORMATION
Cable qualities

DeviceNet
Data cable shielded

PVC		Wire cross section [AWG]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>GC = sunlight resistant</p> 	AWG 22 + AWG 23	2x2	grey	yes	RD - BK - WH - BU	781- GC 001H	
	AWG 15 + AWG 18	2x2		yes	RD - BK - WH - BU	781- GC 003H	
TPU							
<p>GJ = sunlight resistant, for drag chain applications</p> 		AWG 22 + AWG 23	2x2	violet	yes	RD - BK - WH - BU	781- GJ 0400

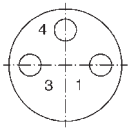
CAN-Bus
Data cable shielded

PVC							
<p>GU = halogenfree</p> 		AWG 24	4	violet		WH - YE - BN - GN	781- GU 2400

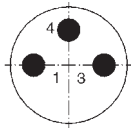
TECHNICAL INFORMATION

Pin and contact assignments

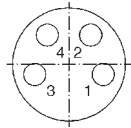
M8x1



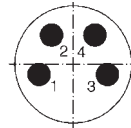
Female connector
3-pos.



Male connector
3-pos.

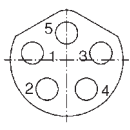


Female connector
4-pos.

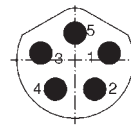


Male connector
4-pos.

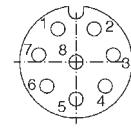
Pin	3-pos. A-coded	4-pos. A-coded	4.78-pos. A-coded
1	Brown	Brown	Yellow
2	—	White	White
3	Blue	Blue	Orange
4	Black	Black	Blue



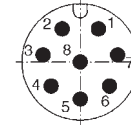
Female connector
5-pos.
B-coded



Male connector
5-pos.
B-coded



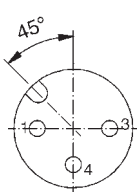
Female connector
8-pos.



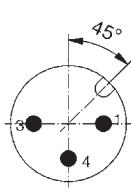
Male connector
8-pos.

Pin	5-pos. B-coded	8-pos. A-coded
1	Brown	White
2	White	Brown
3	Blue	Green
4	Black	Yellow
5	Grey	Grey
6	—	Pink
7	—	Blue
8	—	Red

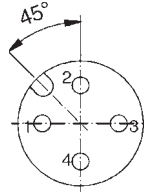
M12x1 A-coded



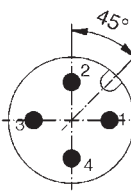
Female connector
3-pos.



Male connector
3-pos.

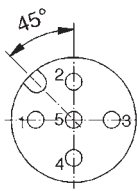


Female connector
4-pos.

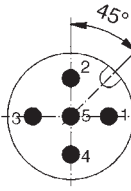


Male connector
4-pos.

Pin	3-pos. A-coded	4-pos. A-coded	4.41-pos. CAN-Bus
1	Brown	Brown	Brown
2	—	White	White
3	Blue	Blue	Green
4	Black	Black	Yellow

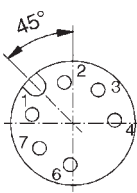


Female connector
5-pos.

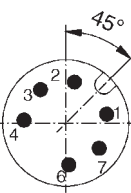


Male connector
5-pos.

Pin	5-pos. A-coded	5.1-pos. A-coded	5.3-pos. DeviceNet
1	Brown	Brown	Shielding
2	White	White	Red
3	Blue	Blue	Black
4	Black	Black	White
5	Green/Yellow	Grey	Blue

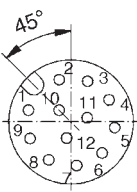


Female connector
6-pos.

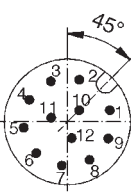


Male connector
6-pos.

Pin	6-pos. A-coded	8-pos. A-coded
1	Brown	White
2	White	Brown
3	Blue	Green
4	Black	Yellow
5	—	Grey
6	Grey	Pink
7	Pink	Blue
8	—	Red



Female connector
12-pos.



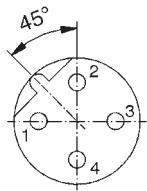
Male connector
12-pos.

Pin	12-pos. A-coded
1	Brown
2	Blue
3	White
4	Green
5	Pink
6	Yellow
7	Black
8	Grey
9	Red
10	Purple
11	Grey/Pink
12	Blue/Red

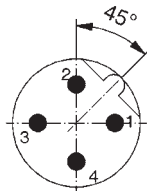
TECHNICAL INFORMATION

Pin and contact assignments

M12x1 B-coded

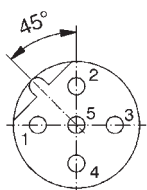


Female connector
4-pos.

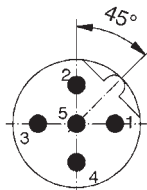


Male connector
4-pos.

Pin	4.1-pos. Profibus DP	4.3-pos. Profibus DP
1	—	—
2	—	—
3	—	—
4	—	—



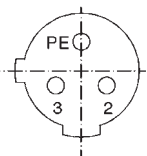
Female connector
5-pos.



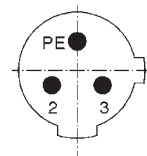
Male connector
5-pos.

Pin	5.1-pos. B-coded
1	—
2	—
3	—
4	—
5	—

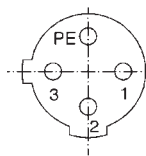
M12x1 C-coded



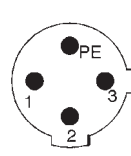
Female connector
2-pos.+PE



Male connector
2-pos.+PE



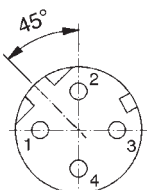
Female connector
3-pos.+PE



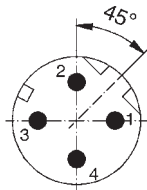
Male connector
3-pos.+PE

Pin	2-pos.+PE C-coded	3-pos.+PE C-coded
1	—	—
2	—	—
3	—	—
4	—	—

M12x1 D-coded



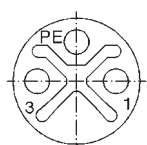
Female connector
4-pos.



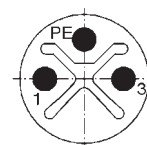
Male connector
4-pos.

Pin	4.2-pos. D-coded	4.24-pos. D-coded
1	—	—
2	—	—
3	—	—
4	—	—

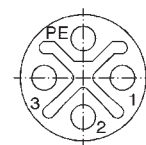
M12x1 S-coded



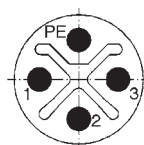
Female connector
2-pos.+PE



Male connector
2-pos.+PE



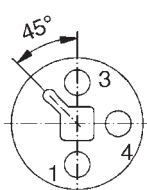
Female connector
3-pos.+PE



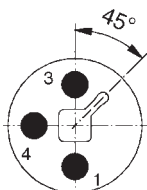
Male connector
3-pos.+PE

Pin	2-pos.+PE S-coded	3-pos.+PE S-coded
1	—	—
2	—	—
3	—	—
PE	—	—

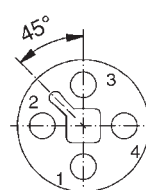
M12x1 T-coded



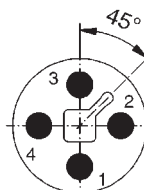
Female connector
3-pos.



Male connector
3-pos.



Female connector
4-pos.



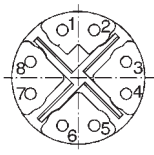
Male connector
4-pos.

Pin	3-pos. T-coded	4-pos. T-coded
1	—	—
2	—	—
3	—	—
4	—	—

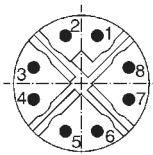
TECHNICAL INFORMATION

Pin and contact assignments

M12x1 X-coded

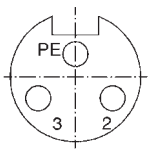


Female connector
8-pos.

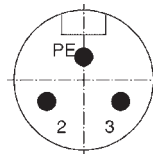


Male connector
8-pos.

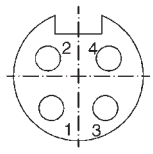
7/8"



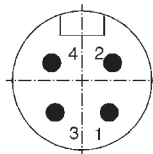
Female connector
2-pos.+PE



Male connector
2-pos.+PE

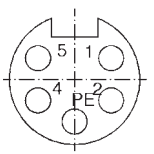


Female connector
4-pos.

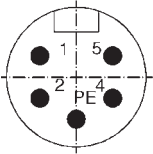


Male connector
4-pos.

Pin	2-pos.+PE	4-pos.
PE		—
1	—	
2		
3		
4	—	



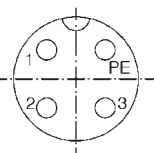
Female connector
4-pos.+PE



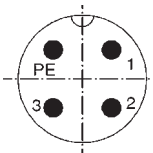
Male connector
4-pos.+PE

Pin	4-pos.+PE
1	
2	
PE2	
4	
5	

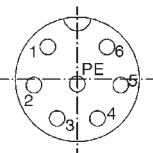
Rund24



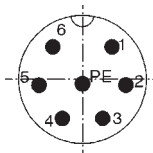
Female connector
3-pos.+PE



Male connector
3-pos.+PE



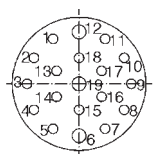
Female connector
6-pos.+PE



Male connector
6-pos.+PE

Pin	3-pos.+PE	6-pos.+PE
1		
2		
3		
4	—	
5	—	
6	—	
PE		

M23



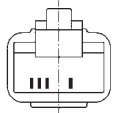
Female connector

Pin	16.8+3	16+3
1	—	
2	—	
3		
4		
5		
6		
7		
8		
9	—	
10	—	
11	—	
12		
13	—	
14		
15		
16		
17	—	
18	—	
19		

TECHNICAL INFORMATION

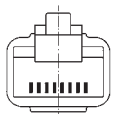
Pin and contact assignments

RJ45



1 → 8
Male connector

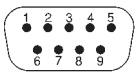
Pin	8.36-pos.
1	Yellow
2	Orange
3	White
4	Blue
5	Green
6	Blue
7	White
8	White



1 → 8
Male connector

Pin	8.31-pos.	8.33-pos.
1	White/Orange	White/Orange
2	Orange	Orange
3	White/Green	White/Blue
4	Blue	Blue
5	White/Blue	White
6	Green	Blue
7	White/Brown	White
8	Brown	White

D-SUB



Male connector

Pin	9-pos.
1	White
2	White
3	Red (PDP B)
4	White
5	Data ground
6	Power supply plus
7	White
8	Green (PDP A)
9	White

TECHNICAL INFORMATION

Coding

M8x1 A-coded



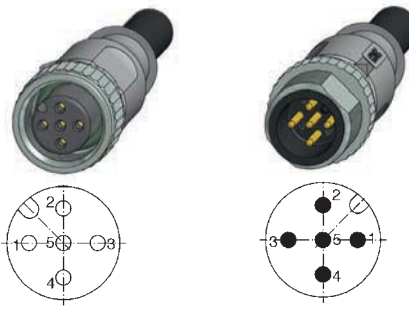
M8x1 A-coded (8-pos.)



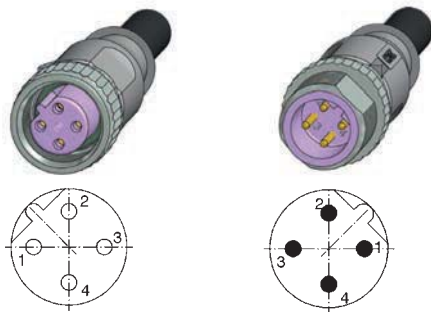
M8x1 B-coded



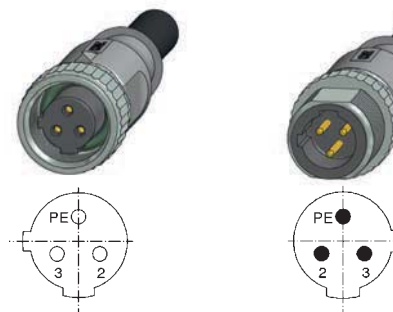
M12x1 A-coded



M12x1 B-coded



M12x1 C-coded



M12x1 D-coded



M12x1 S-coded



M12x1 T-coded

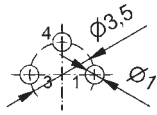


M12x1 X-coded

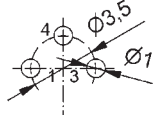


PCB-Layouts and installation space dimensions
M8x1

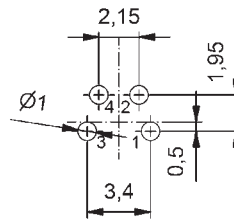
One-piece sockets, installation height 5.5 mm



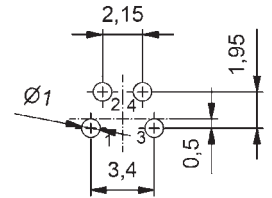
Female connector
3-pos.



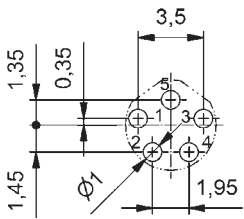
Male connector
3-pos.



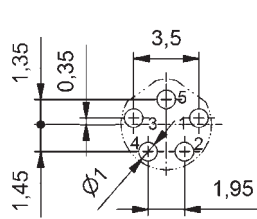
Female connector
4-pos.



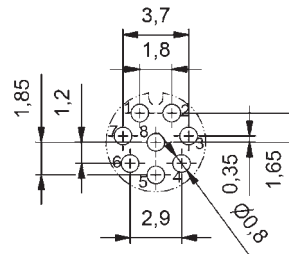
Male connector
4-pos.



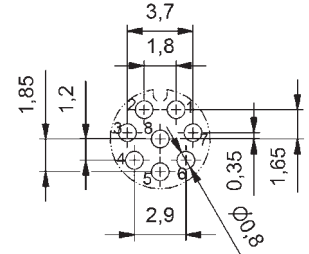
Female connector
5-pos.
B-coded



Male connector
5-pos.
B-coded



Female connector
8-pos.

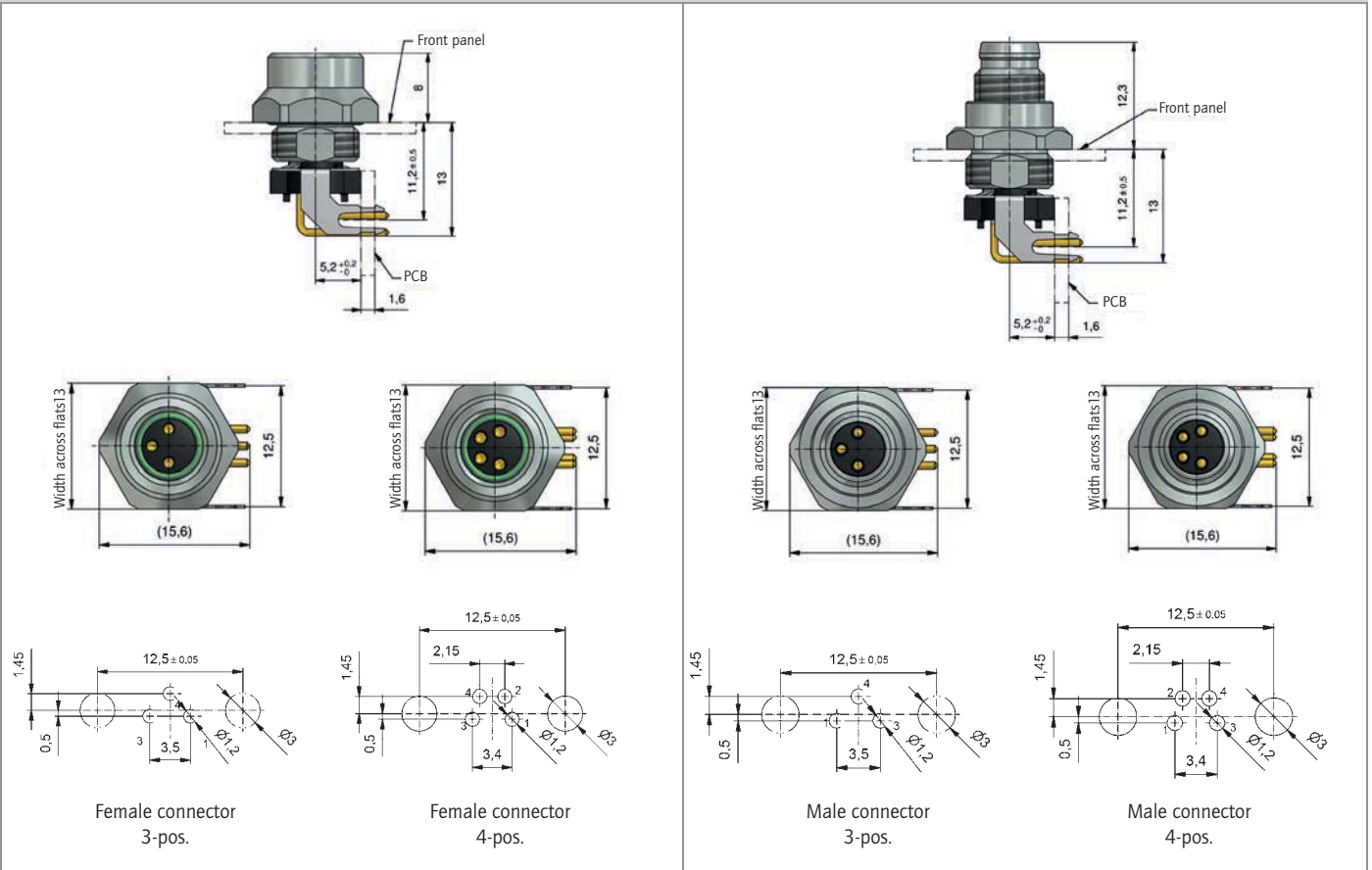


Male connector
8-pos.

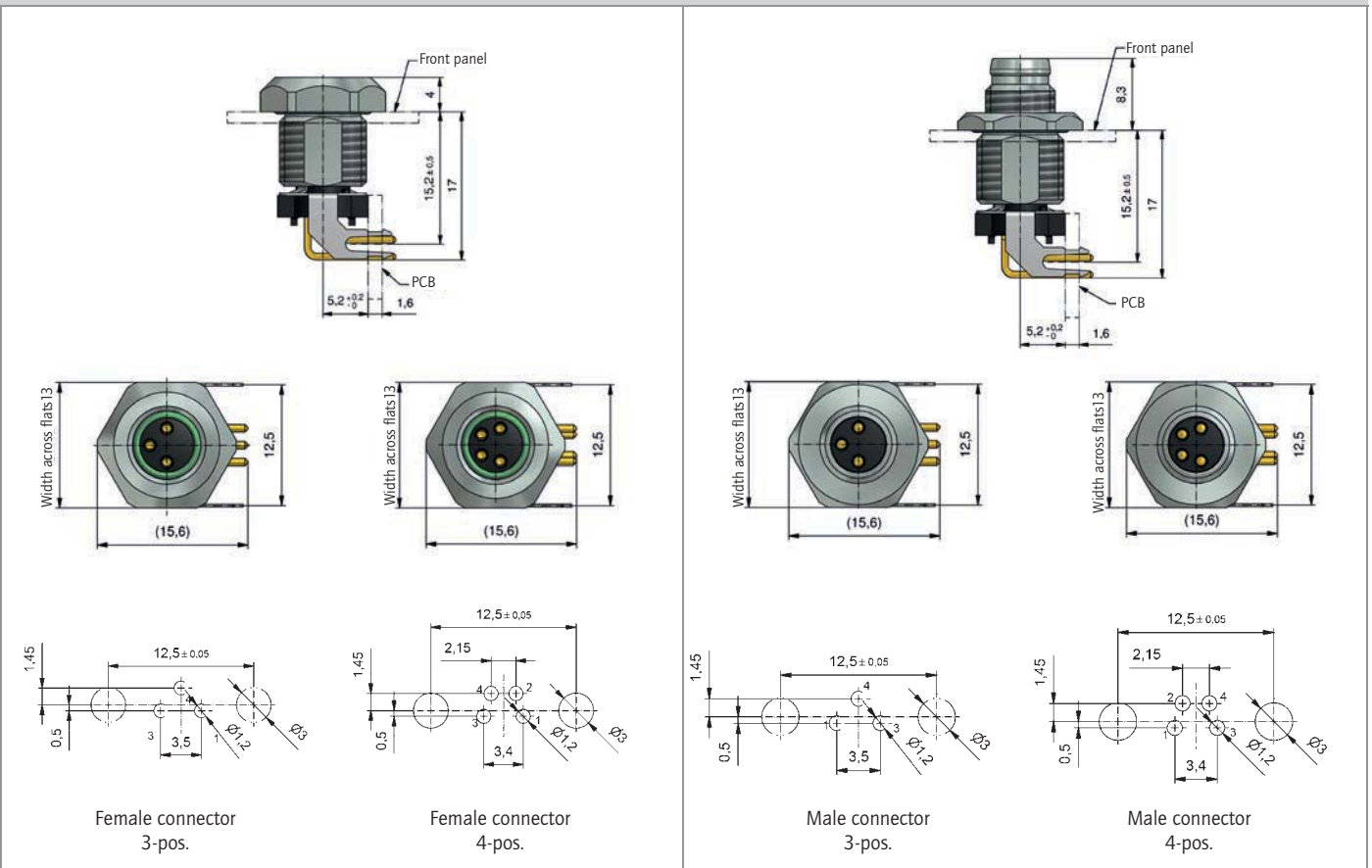
TECHNICAL INFORMATION

PCB-Layouts and installation space dimensions M8x1

Sockets shielded, angled, installation height 11.2 mm



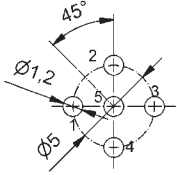
Sockets shielded, angled, installation height 15.2 mm



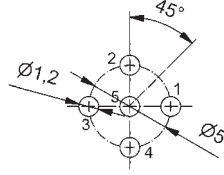
TECHNICAL INFORMATION

PCB-Layouts and installation space dimensions M12x1

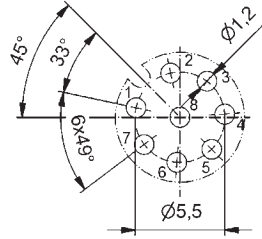
One-piece sockets, installation height 5.5 mm and 12 mm



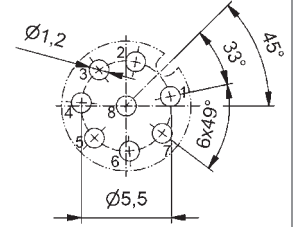
Female connector
4-5-pos.
A/B/D-coded



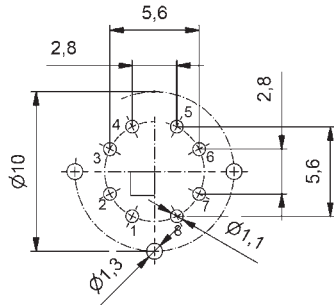
Male connector
4-5-pos.
A/B/D-coded



Female connector
8-pos.
A-coded

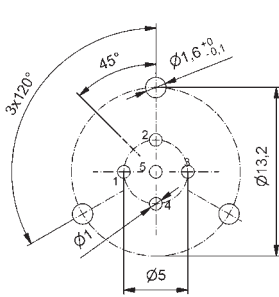


Male connector
8-pos.
A-coded

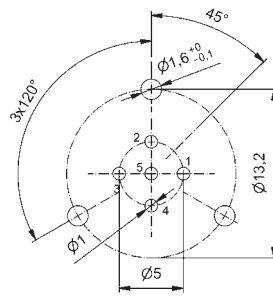


Male connector
8-pos.
X-coded

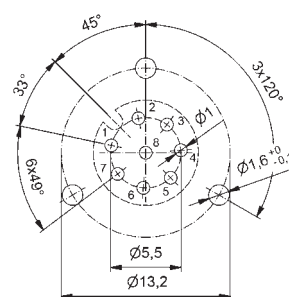
One-piece sockets with shielding, installation height 6.75 mm



Female connector
4-5-pos.
A/B/D-coded



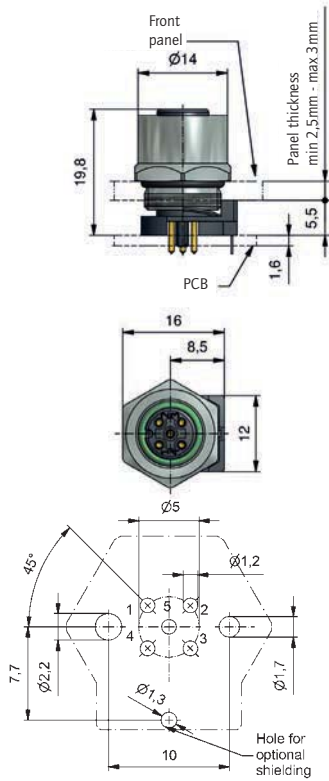
Male connector
4-5-pos.
A/B/D-coded



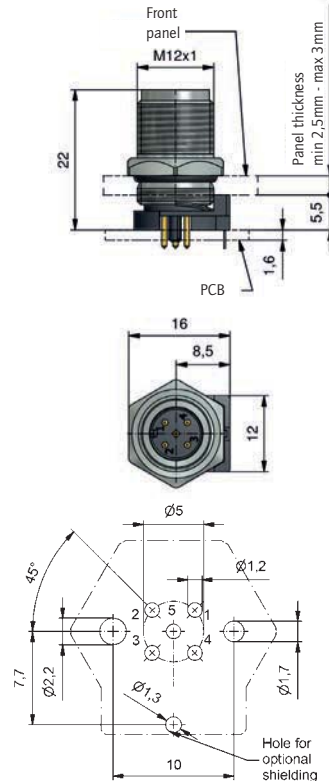
Female connector
8-pos.
A-coded

PCB-Layouts and installation space dimensions
M12x1

Two-piece sockets, installation height 5.5 mm

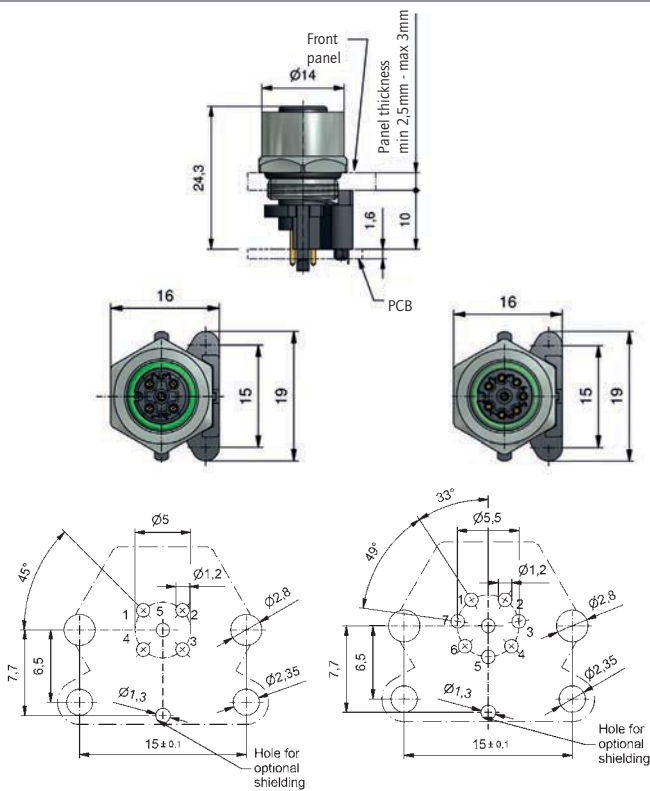


Female connector
4-5-pos.
A/B/D-coded



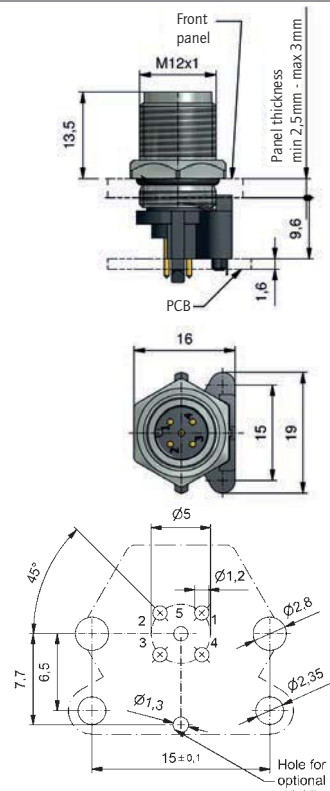
Male connector
4-5-pos.
A/B/D-coded

Two-piece sockets, installation height 10 mm



Female connector
4-5-pos.
A/B/D-coded

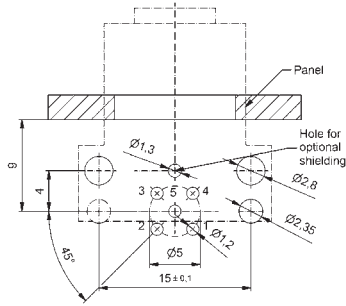
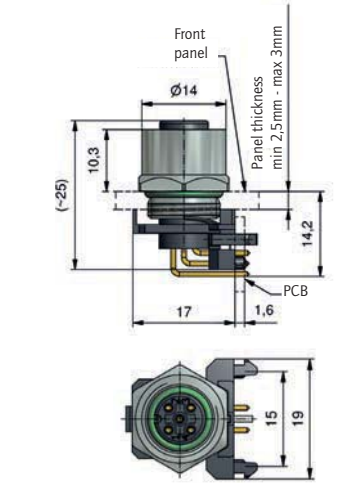
Female connector
8-pos.
A-coded



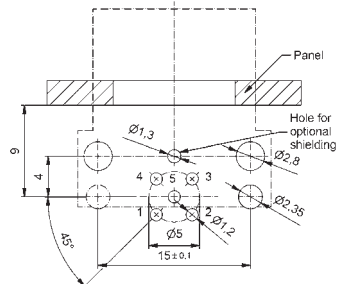
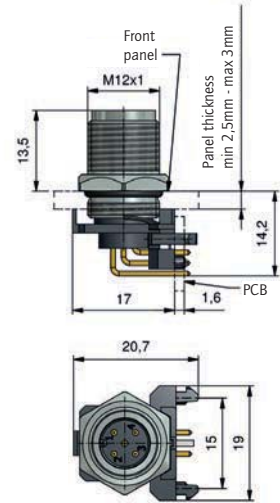
Male connector
4-5-pos.
A/B/D-coded

PCB-Layouts and installation space dimensions
M12x1

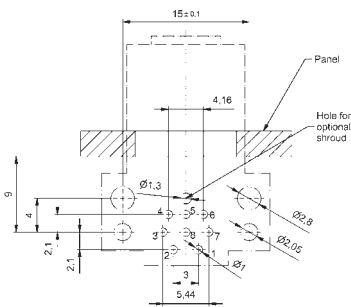
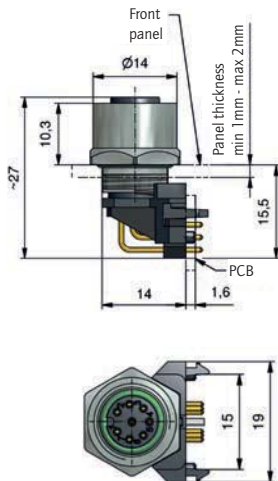
Two-piece sockets, angled



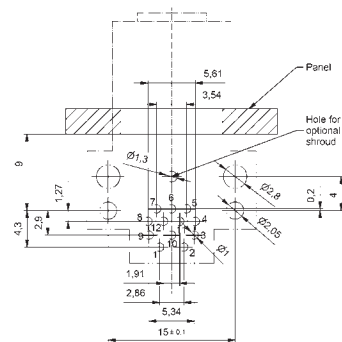
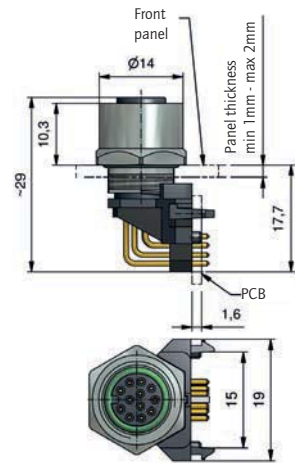
Female connector
4-5-pos.
A/B/D-coded



Male connector
4-5-pos.
A/B/C-coded



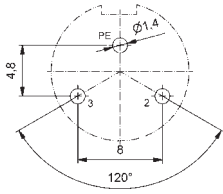
Female connector
8-pos.



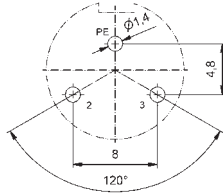
Female connector
12-pos.

PCB-Layouts and installation space dimensions
7/8"

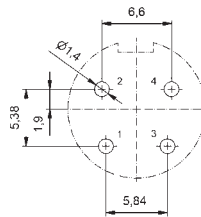
One-piece sockets



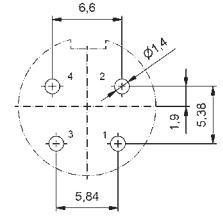
Female connector
2-pos.+PE



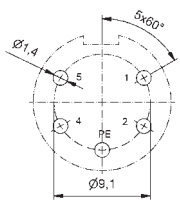
Male connector
2-pos.+PE



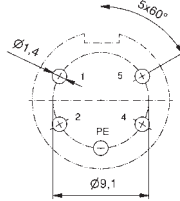
Female connector
4-pos.



Male connector
4-pos.

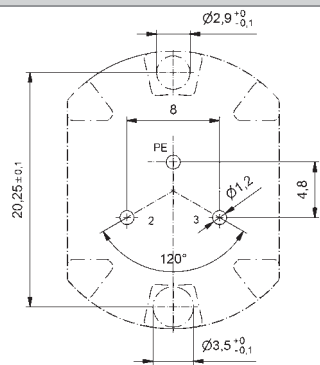


Female connector
4-pos.+PE

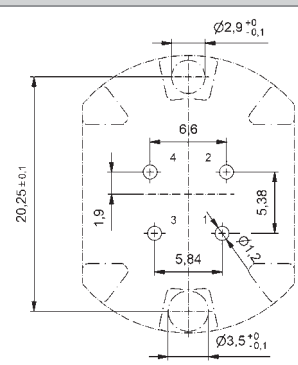


Male connector
4-pos.+PE

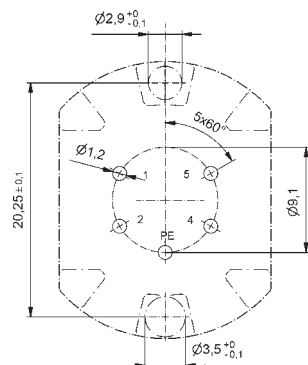
Two-piece sockets, installation height 10 mm



Male connector
2-pos.+PE



Male connector
4-pos.

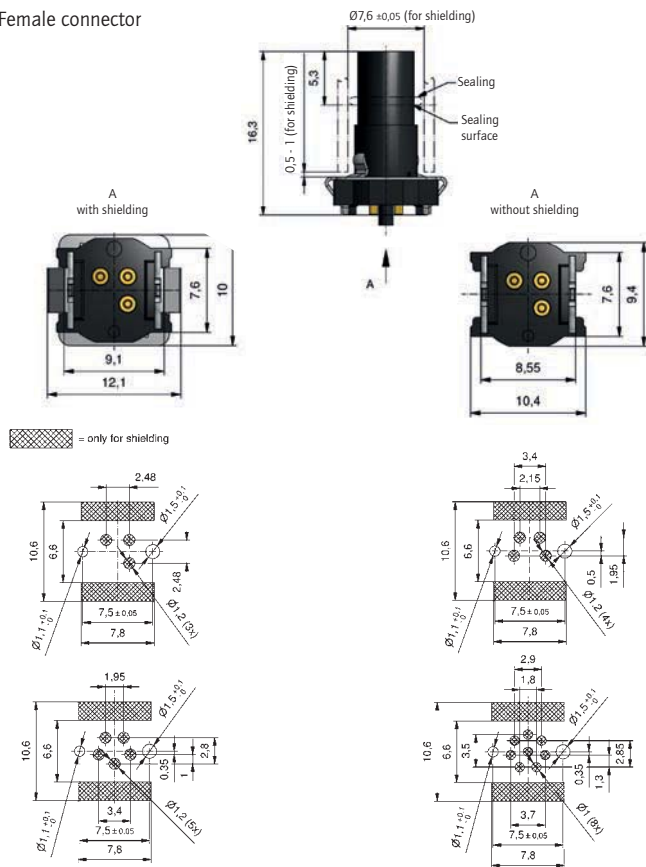


Male connector
4-pos.+PE

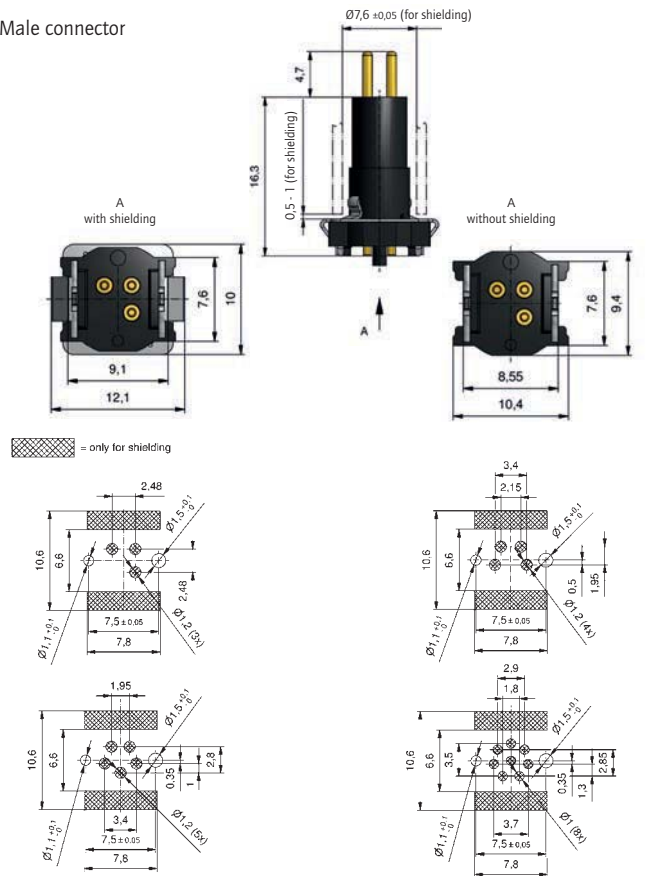
PCB-Layouts and installation space dimensions
M8x1 SMT

Insulation body with and without shielding

Female connector

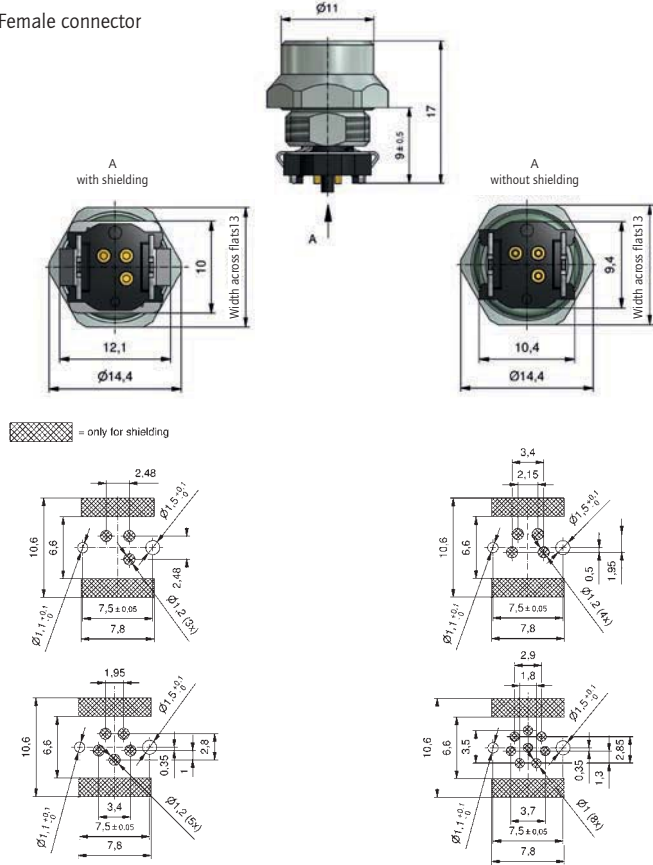


Male connector

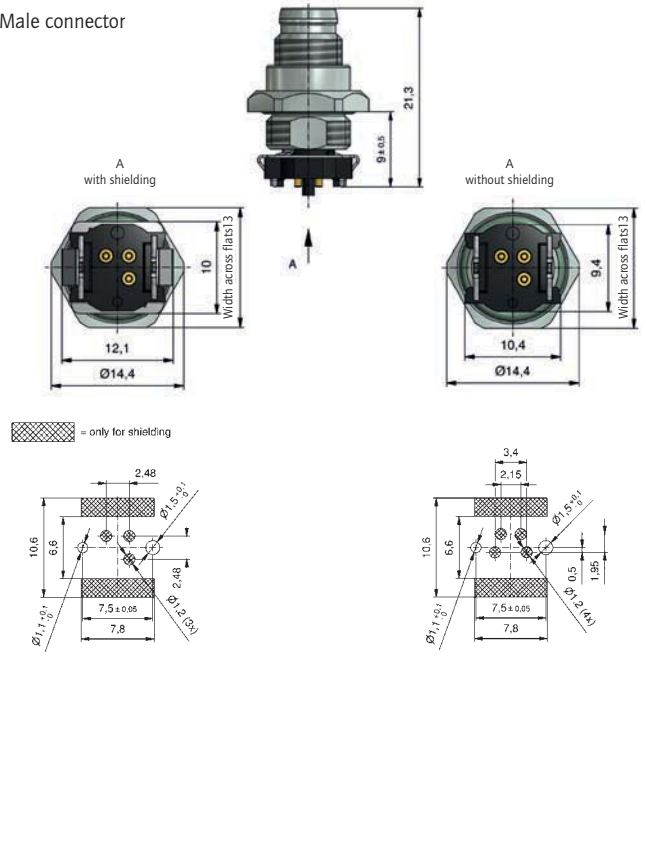


Sockets front panel mounting with and without shielding, installation height 9 mm

Female connector



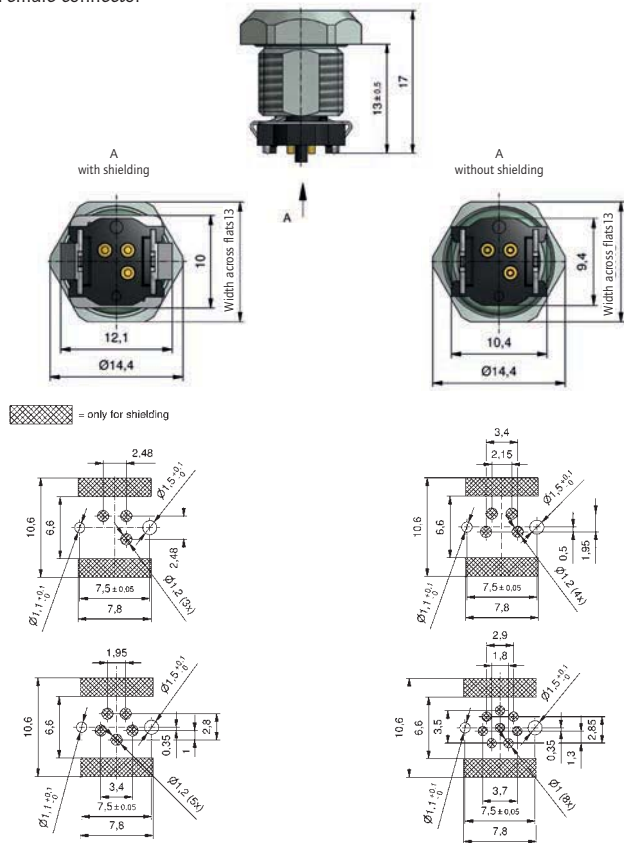
Male connector



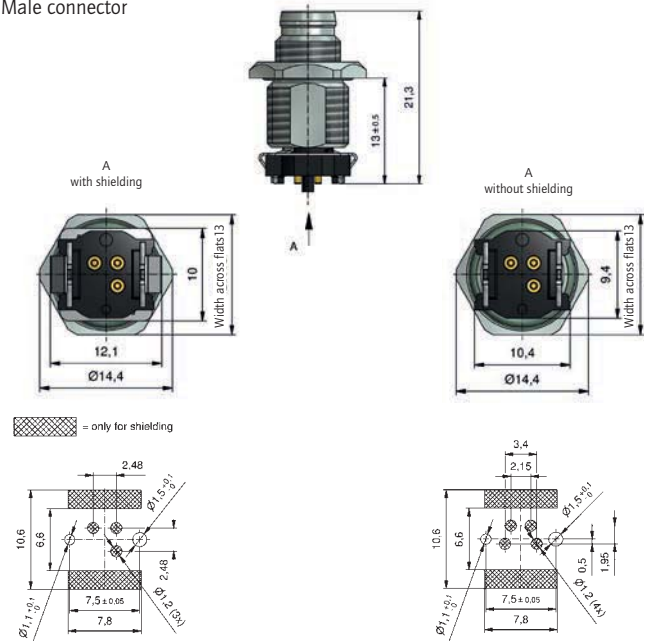
PCB-Layouts and installation space dimensions
M8x1 SMT

Sockets front panel mounting, with and without shielding, installation height 13 mm

Female connector

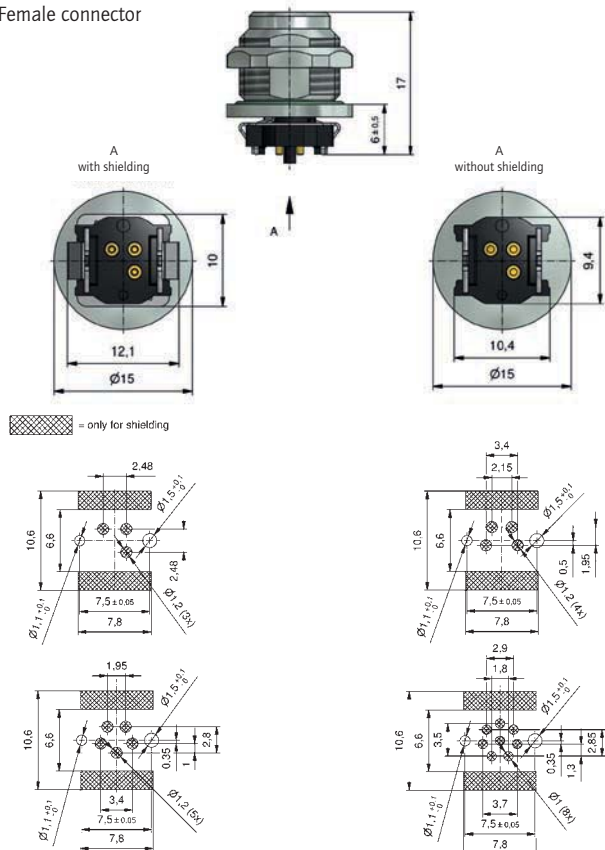


Male connector

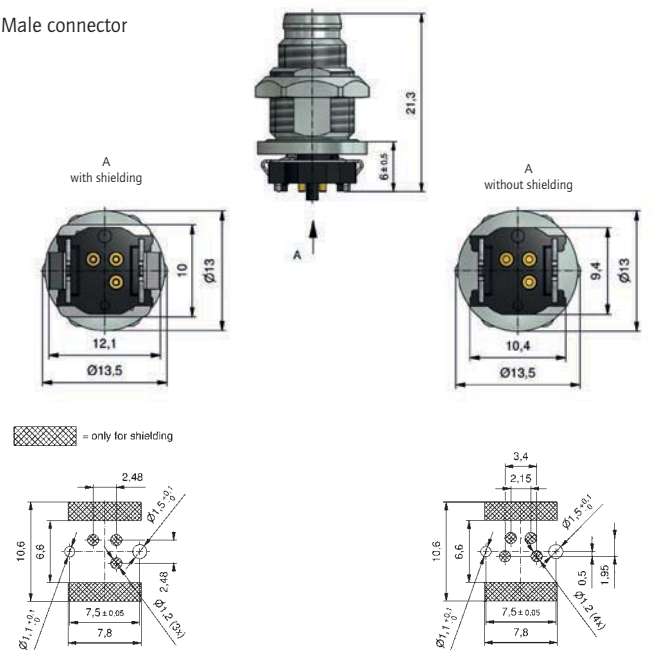


Sockets back panel mounting, with and without shielding, installation height 6 mm

Female connector



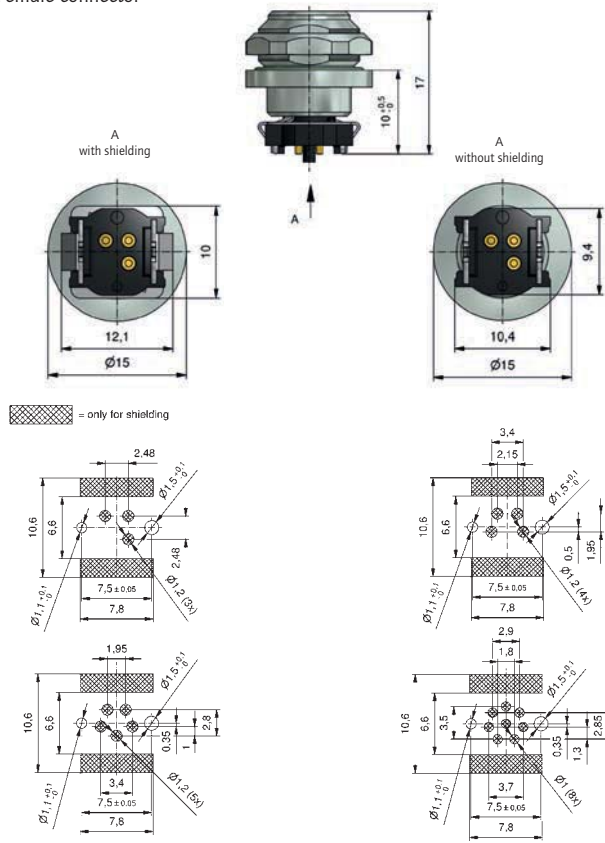
Male connector



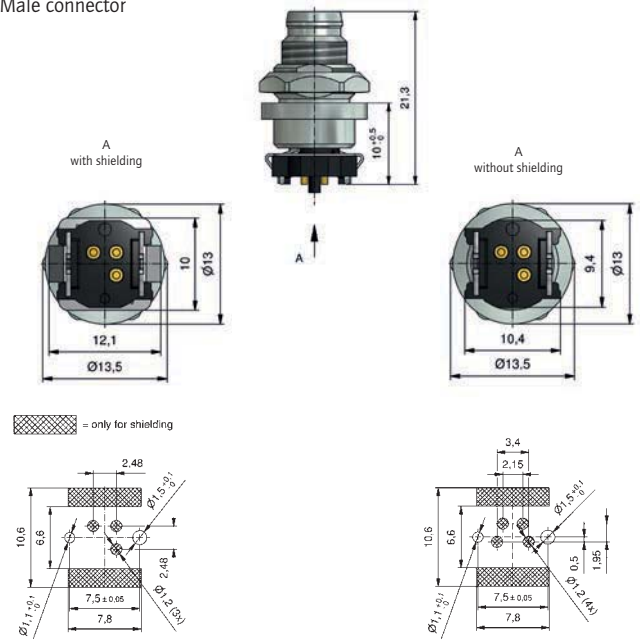
PCB-Layouts and installation space dimensions
M8x1 SMT

Sockets back panel mounting, with and without shielding, installation height 10 mm

Female connector



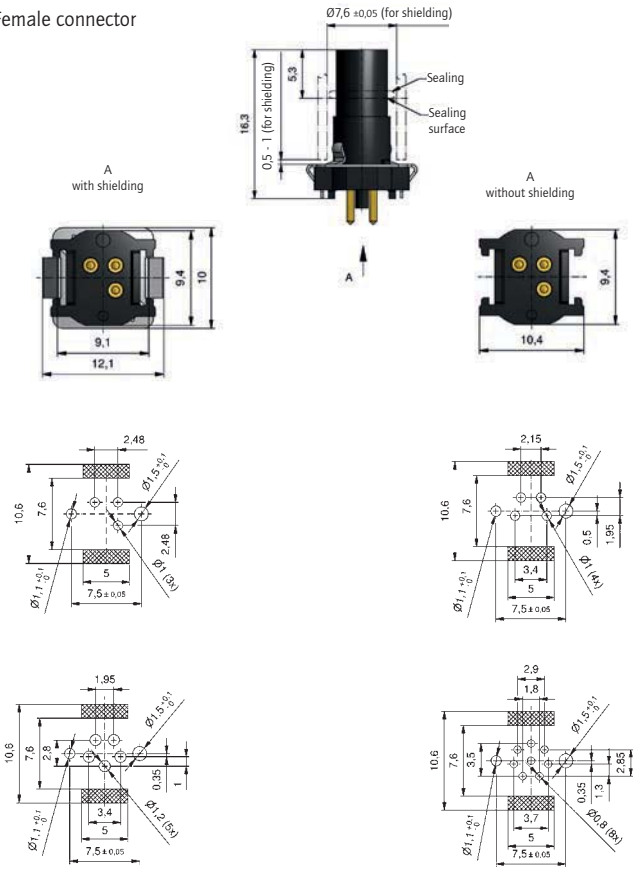
Male connector



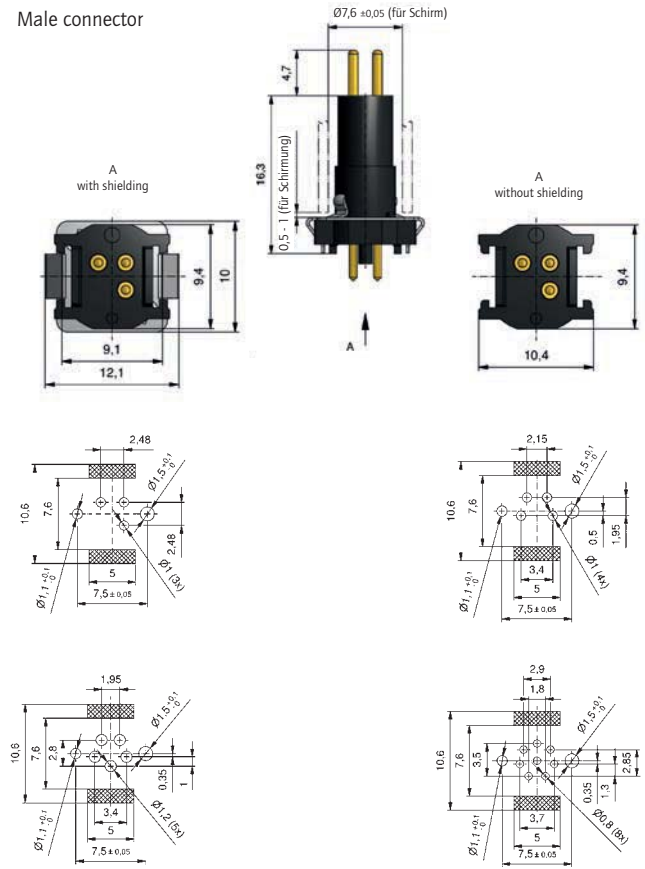
PCB-Layouts and installation space dimensions
M8x1 THR

Insulation body with and without shielding

Female connector

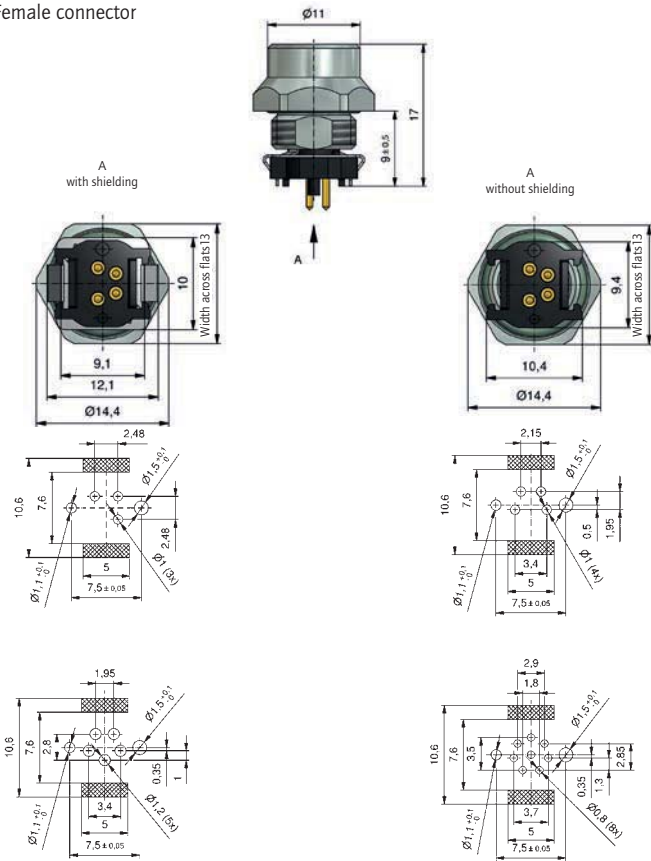


Male connector

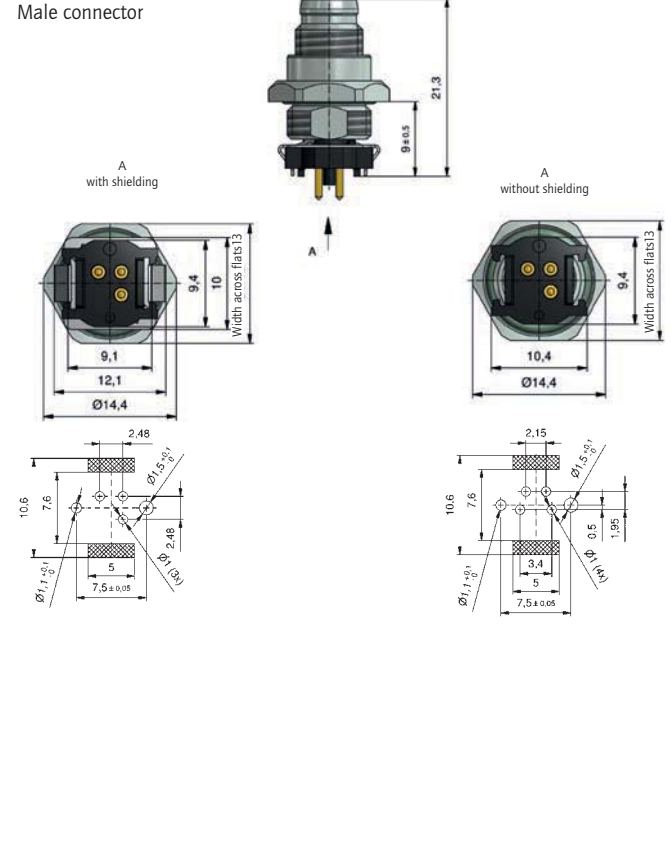


Sockets, Front panel mounting with and without shielding, installation height 9 mm

Female connector



Male connector

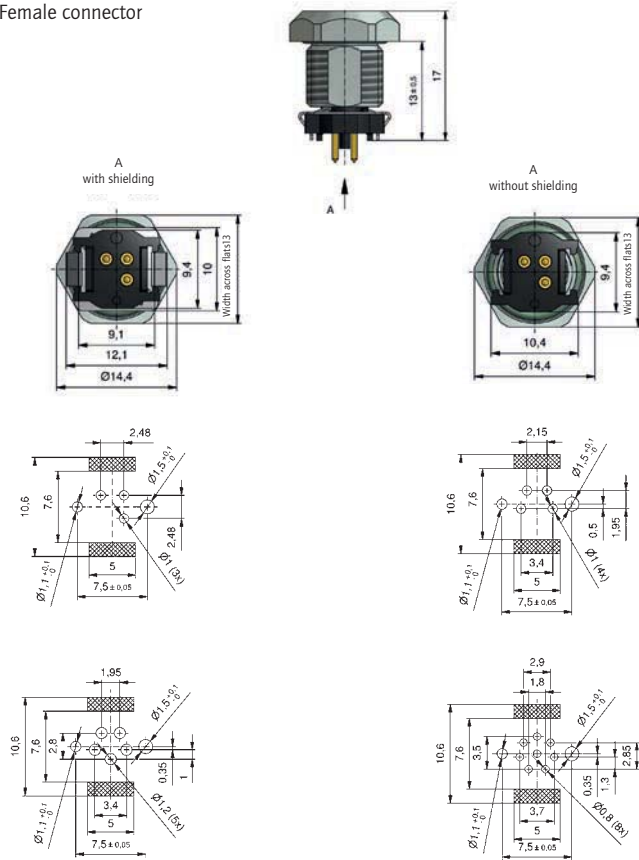


TECHNICAL INFORMATION

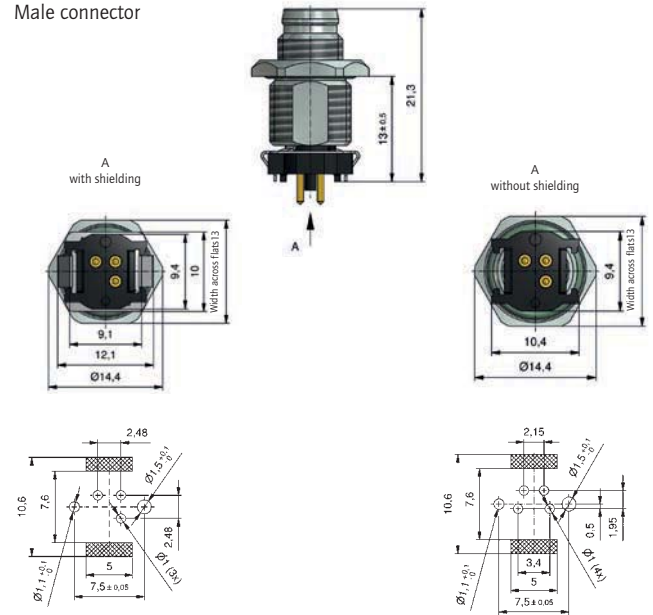
PCB-Layouts and installation space dimensions M8x1 THR

Sockets front panel mounting with and without shielding, Installation height 13 mm

Female connector

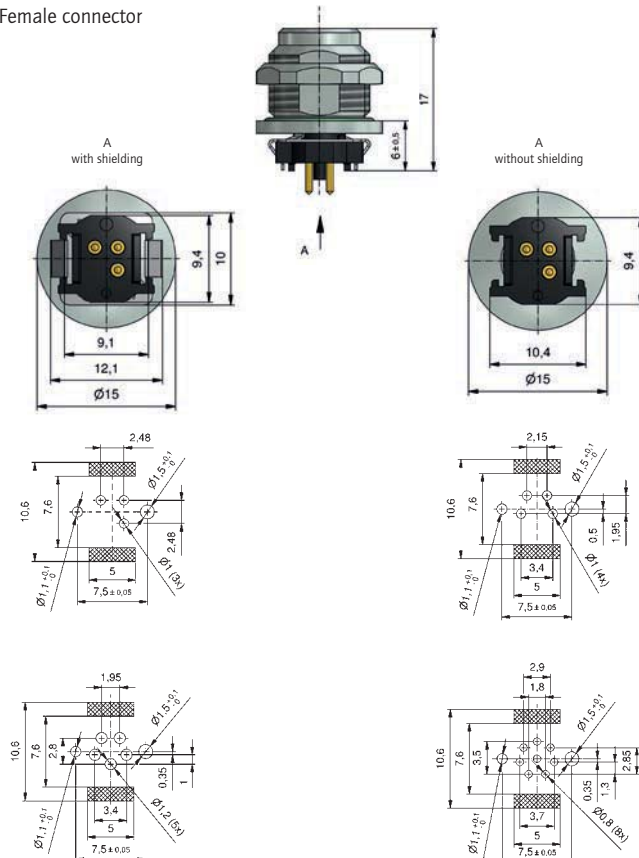


Male connector

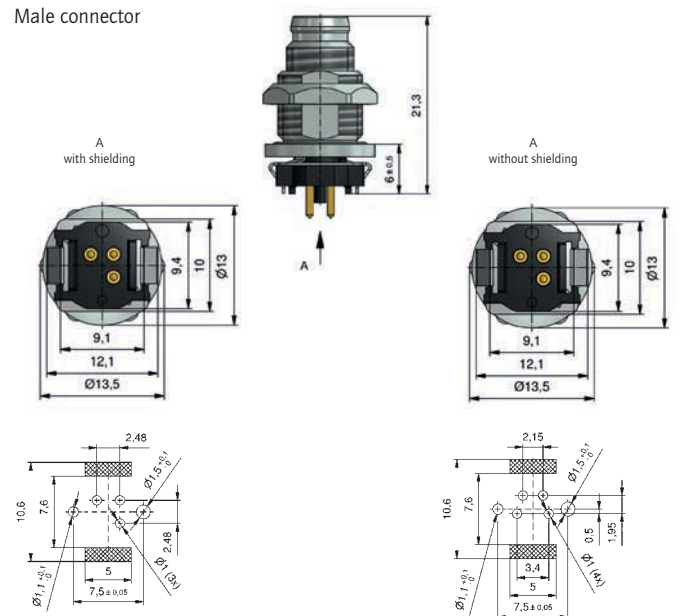


Sockets back panel mounting with and without shielding, Installation height 6 mm

Female connector



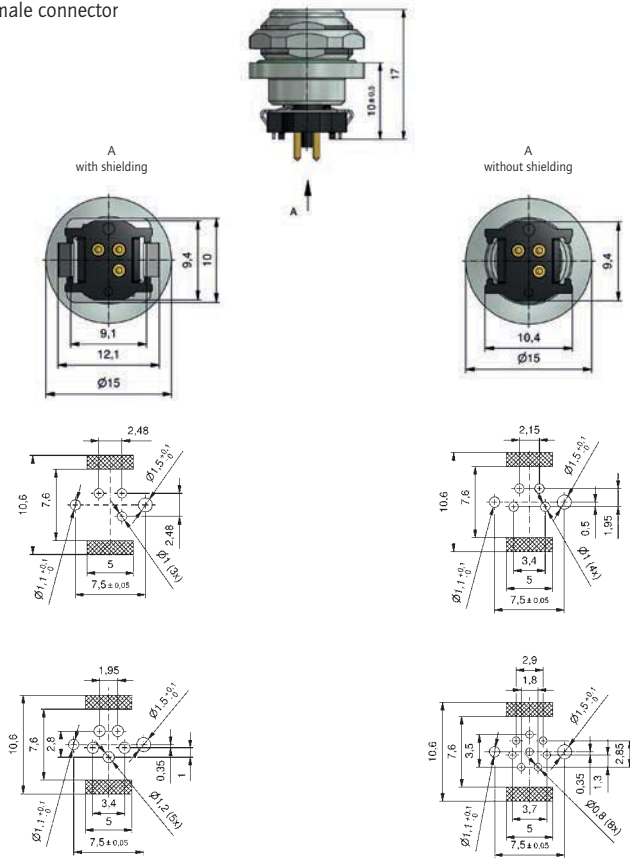
Male connector



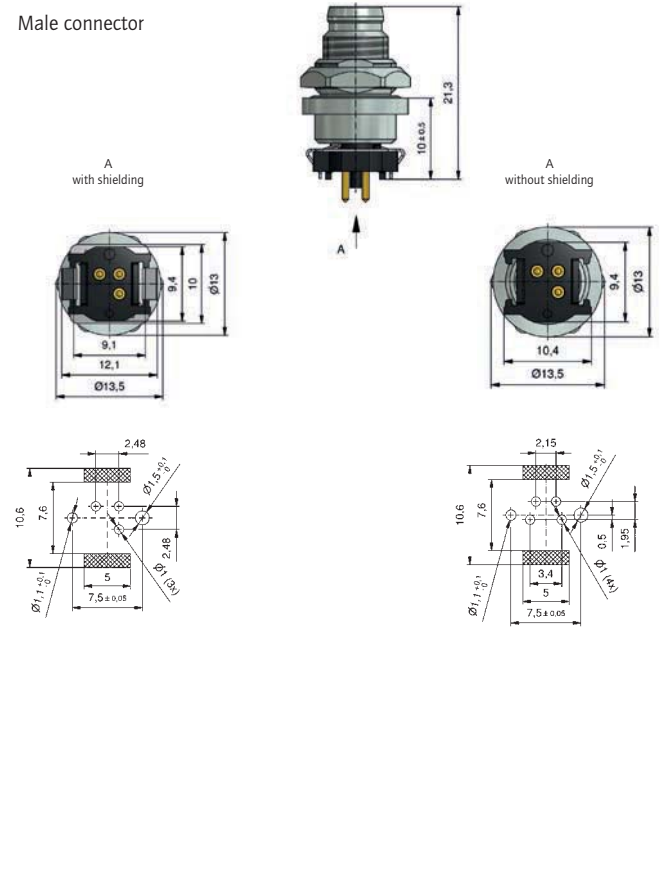
PCB-Layouts and installation space dimensions
M8x1 THR

Sockets front panel mounting with and without shielding, Installation height 10 mm

Female connector



Male connector

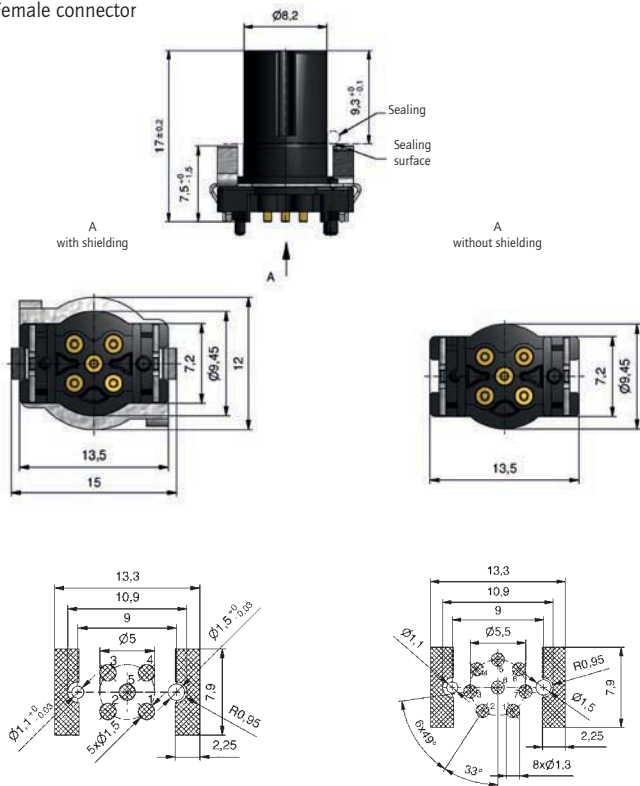


TECHNICAL INFORMATION

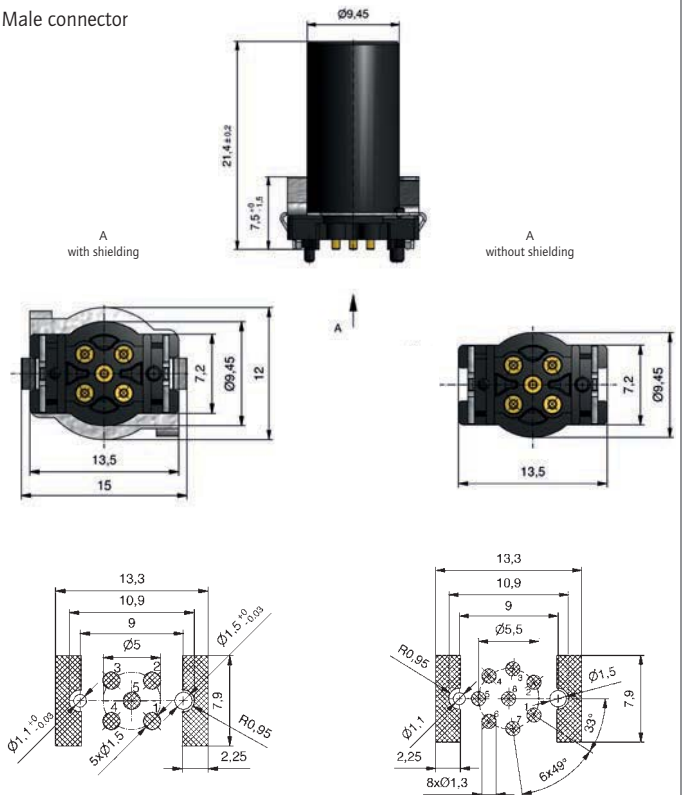
PCB-Layouts and installation space dimensions M12x1 SMT

Insulation body with and without shielding

Female connector

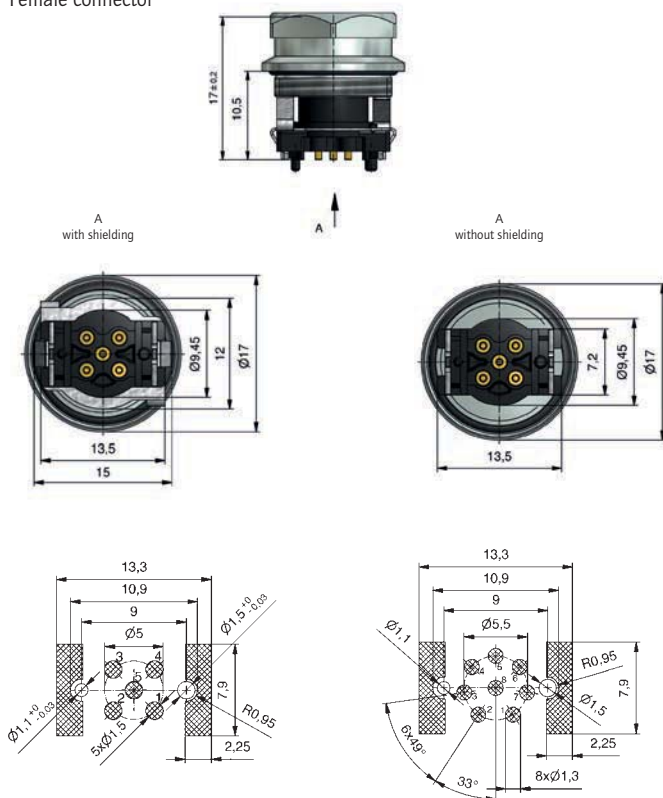


Male connector

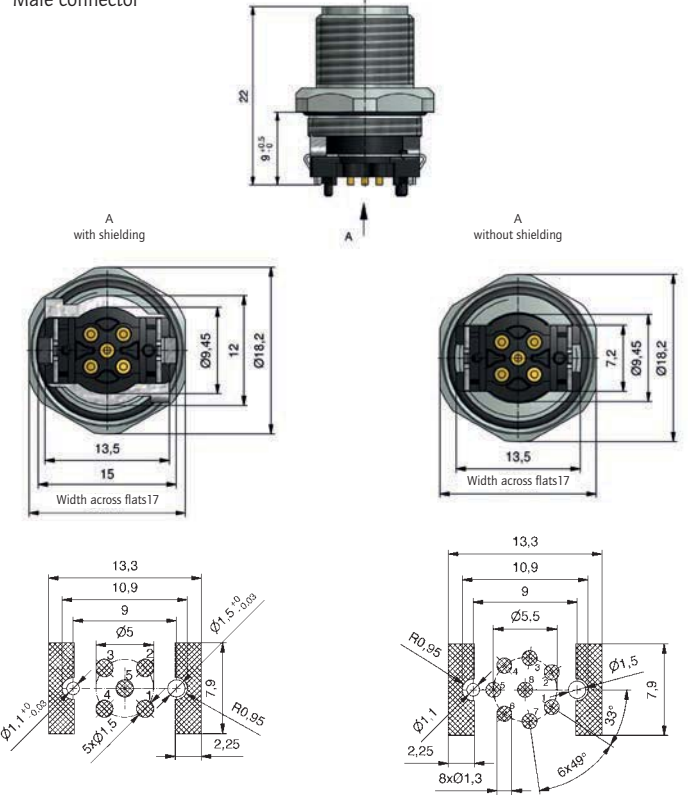


Sockets front panel mounting with and without shielding, installation height 9 mm

Female connector



Male connector

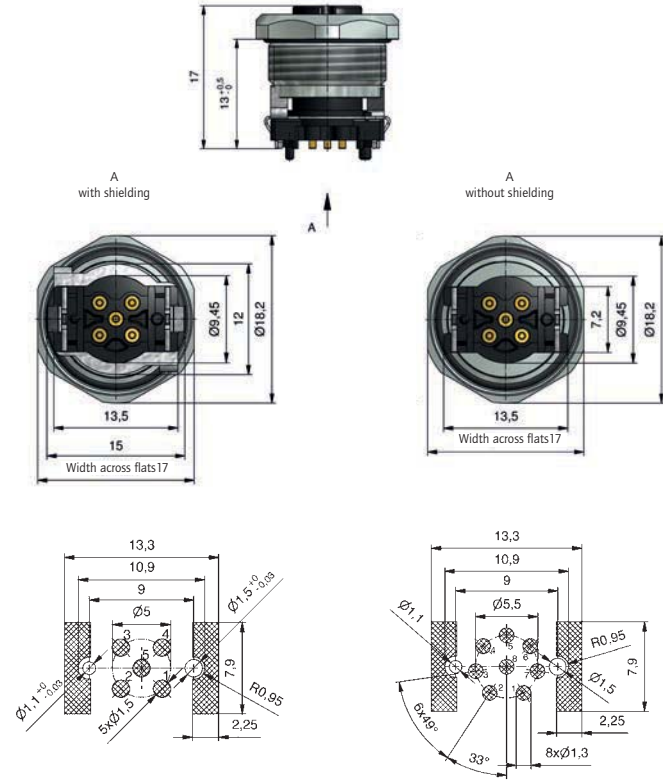


TECHNICAL INFORMATION

PCB-Layouts and installation space dimensions M12x1 SMT

Sockets back panel mounting with and without shielding, installation height 13 mm

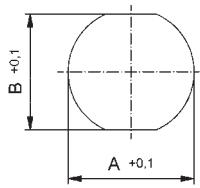
Female connector



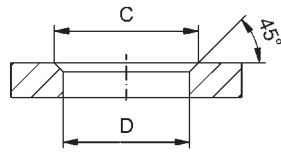
TECHNICAL INFORMATION

Panel cut out

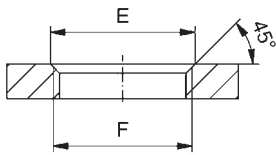
M8x1



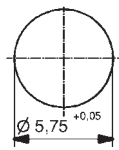
Dimension panel cut out



Dimension through hole



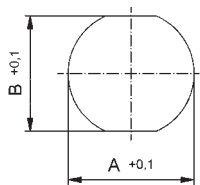
Dimension thread



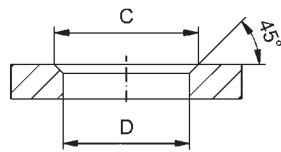
Panel plug male

Mounting thread	M8x0.5	M10x1	M12x1
Wall thickness min. [mm]	1.5	1.5	1.5
Dimension A [mm]	8.2	10.1	12.1
Dimension B [mm]	7.2	9.1	11.1
Dimension C [mm]		10.5	12.5
Dimension D [mm]		10.1 +0.1	12.1 +0.1
Dimension E [mm]		10.5	12.5
Dimension F	M8x0.5	M10x1	M12x1

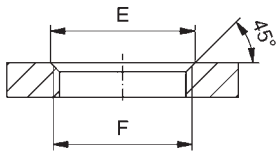
M12x1



Dimension panel cut out

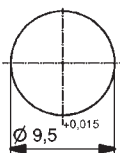


Dimension through hole

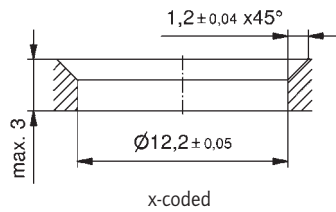


Dimension thread

Mounting thread	M12x1	PG9	M16x1.5
Wall thickness min. [mm]	1.5	1.5	1.5
Dimension A [mm]	12.1	15.3	16.1
Dimension B [mm]	11.1	13.5	13.5
Dimension C [mm]	12.5	16.5	16.8
Dimension D [mm]	12.1 +0.1	15.3+0.1	16.1+0.1
Dimension E [mm]	12.5	16.2	16.5
Dimension F	M12x1	PG9	M16x1.5

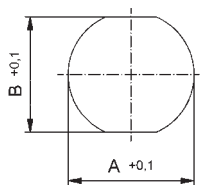


Panel plug male

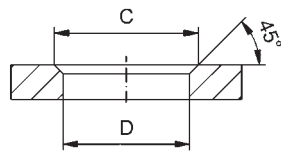


x-coded

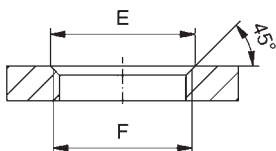
7/8"



Dimension panel cut out



Dimension through hole

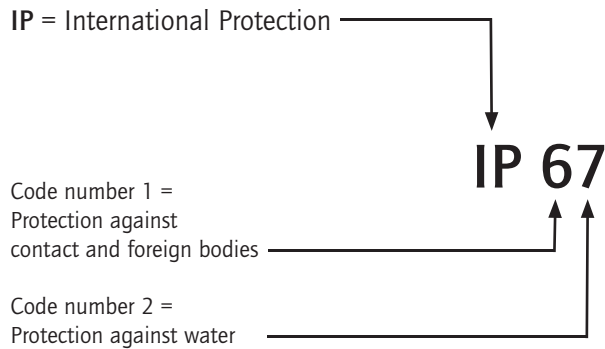


Dimension thread

Mounting thread	PG11	PG13.5
Dimension A [mm]	18.8	20.6
Dimension B [mm]	17.5	19.3
Dimension C [mm]	16.5	
Dimension D [mm]	15.3+0.1	
Dimension E [mm]	16.2	
Dimension F	PG11	PG13.5

Protection classes

Norm IEC 60529



For safety reasons, connectors have to be protected against external influences like dust, foreign objects, direct contact, moisture and water. For industrial connectors, this protection is provided by their housings with their latching devices and sealed cable entries. The protection classes are also called IP Codes. The abbreviation IP stands for "ingress protection". Standard IEC 60529 specifies and divides the degree of protection into several classes.

The protection classes refer to protection against contact and ingress of solid foreign objects and dust (indicated by the first code digit of the IP Code) as well as against damaging ingress of water (indicated by the second code digit of the IP Code)

PROTECTION CLASS OVERVIEW

First code digit	Protection against ingress of foreign objects Protection against contact	Second code digit	Protection against water	Examples
0	Not protected	0	Not protected	
1	Protection against ingress of solid foreign objects with diameters > than 50 mm Protected against access with the back of the hand	1	Protection against vertically dripping water	
2	Protection against ingress of solid foreign objects with diameters > than 12.5 mm Protected against access with a finger	2	Protection against dripping water with 15° inclination	
3	Protection against ingress of solid foreign objects with diameters > than 2.5 mm Protected against access with a tool	3	Protection against spray water inclined up to 60°	
4	Protection against ingress of solid foreign objects with diameters > than 1 mm Protected against access with a wire	4	Protection against splashing water	
5	Protected against dust in harmful quantities Complete protection against contact	5	Protection against jet water	
6	Dust-proof Complete protection against contact	6	Protection against powerful jets of water	
		7	Protection against temporary immersion (max. water depth 1 m)	
		8	Protection against constant immersion beyond 1 m An additionally indicated number stands for the maximum immersion depth in meters.	
		9K	Protection against very strong jets of water, e.g. from high-pressure steam jet cleaners for vehicles.	

Electrotechnical information

Voltage grading of connectors (insulation coordination)

Clearances and creepage distances are the base of voltage grading of connectors.

The following standard apply for this:

IEC 60664-1

Insulation coordination for equipment within low-voltage systems"

Insulation coordination comprises the selection of the electrical insulation performances of an equipment (e.g. connector), taking into account the expected use and its environment.

Explanation of some terms:

– Rated voltage

The value of voltage assigned by the manufacturer to the connector and to which operation and performance characteristics are referred.

– Rated impulse voltage

The value of an impulse withstand voltage assigned by the manufacturer to the connector characterising the specified withstand capability of its insulation against transient overvoltages.

– Clearance

The shortest distance in air between two conductive parts.

– Creepage distance

The shortest distance along the surface of the insulating material between two conductive parts.

– Pollution degree

The expected pollution around the equipment (e.g. connector) was established in the standard in four degrees:

Pollution degree 1

No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

Examples: The inside of electrical measuring instruments, electronic measuring devices.

Pollution degree 2

Only non-conductive pollution occurs. Except that occasionally a temporary conductivity caused by condensation is to be expected.

Examples: Household appliances, installation material, lamps, power supplies of office equipment.

Pollution degree 3

Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected.

Examples: Electrical equipment of machine tools and processing machines, low voltage switches at machine tools.

Pollution degree 4

The pollution generates persistent conductivity caused by conductive dust or by rain or snow.

Examples: Equipment on wagon roofs and beneath wagons at electrical locomotives, rail cars, trolley busses. Equipment at electrical locomotives underground.

Additional remarks:

If connectors being defined for pollution degree 1 and overvoltage categorie 1 are applied for other conditions (higher pollution degree and higher overvoltage category), voltage levels reduce correspondingly. But the connectors can be used without any problems at reduced maximum voltages.

It has to be noted that for a connector with a degree of protection of at least IP54 the parts inside the enclosure may be dimensioned for a lower pollution degree. This also applies to mated connectors whose enclosure is ensured through the connector housing and which may only be disengaged for test and maintenance purposes.

Electrotechnical information

Voltage grading of connectors (insulation coordination)

– Overvoltage categories

The standard has divided the possible overvoltages into four categories. The three categories which relate to connectors are shortly described below:

Overvoltage category I

Equipment (e.g. connectors) intended for the use in applications or parts of installations in which no overvoltage can occur. Examples are low voltage equipments.

Overvoltage category II

Equipment (e.g. connectors) intended for the use in installations or parts of it, in which lightning overvoltages do not need to be considered, however switching overvoltages generated by the equipment. Examples are household appliances.

Overvoltage category III

Equipment (e.g. connectors) intended for the use in installations or parts of it in which lightning overvoltages do not need to be considered, however switching overvoltages generated by the equipment, and for cases where the reliability and the availability of the equipment (e.g. connectors) or its dependent circuits are subject to special requirements. Examples are protecting means, switches and sockets.

–Material groups

For the dimensioning of the creepage distance, the tracking formation of the insulating material used by the manufacturer has to be considered. The materials are separated into three groups according to their CTI values (Comparative Tracking Index):

Material group I $600 \leq \text{CTI}$

Material group II $400 \leq \text{CTI} < 600$

Material group III $175 \leq \text{CTI} < 400$

TECHNICAL INFORMATION

Electrotechnical information

American Wire Gauges

The American Wire Gauge AWG is also found in various areas of the automation industry use .

The following table is used for the conversion of AWG Supports at in mm² .

AWG	Wire composition [mm]	Wire-Ø [mm]	Wire cross section [mm ²]
30	1 x 0.25	0.25	0.05
	7 x 0.10	0.36	0.06
28	1 x 0.32	0.32	0.08
	7 x 0.13	0.38	0.09
26	1 x 0.40	0.4	0.13
	7 x 0.16	0.48	0.14
	19 x 0.10	0.51	0.15
24	1 x 0.51	0.51	0.21
	7 x 0.20	0.61	0.22
	19 x 0.13	0.64	0.25
22	1 x 0.51	0.64	0.33
	7 x 0.20	0.76	0.34
	19 x 0.13	0.81	0.38
20	1 x 0.81	0.81	0.52
	7 x 0.32	0.97	0.56
	19 x 0.20	1.02	0.6
18	1 x 1.02	1.02	0.82
	19 x 0.25	1.27	0.93
16	19 x 0.29	1.44	1.25
14	19 x 0.36	1.8	1.93
12	19 x 0.46	2.29	3.16
10	19 x 0.40	3.1	4.65

Note: Due to different Core structure at the same AWG creates a different.

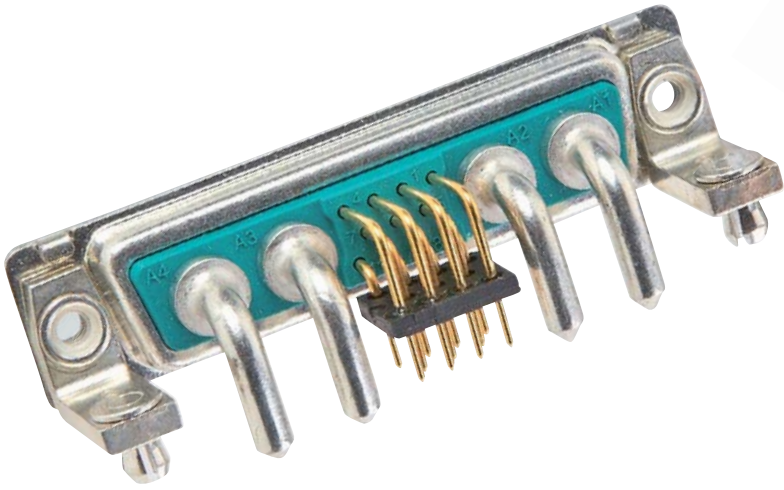
Construction and dimension for standard copper cable according IEC 60228

Wire cross section [mm ²]	Wire composition [mm]	Wire-Ø [mm]
0.09	12 x 0.10	0.5
0.14	18 x 0.10	0.5
0.25	14 x 0.16	0.7
	32 x 0.10	0.7
0.34	19 x 0.16	0.8
	42 x 0.10	0.9
0.5	7 x 0.30	1
	16 x 0.21	1.1
	28 x 0.16	1.1
0.75	7 x 0.37	1.2
	24 x 0.21	1.2
	42 x 0.16	1.3
1.0	7 x 0.43	1.4
	32 x 0.21	1.4
	56 x 0.16	1.5
1.5	7 x 0.52	1.6
	30 x 0.26	1.7
	84 x 0.16	1.8
2.5	7 x 0.67	2.2
	50 x 0.26	2.3
	140 x 0.16	2.3
4.0	7 x 0.85	2.7
	56 x 0.31	2.8
	224 x 0.16	2.9

SECTION 14

ADDITIONAL PRODUCT CATEGORIES





ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 Power Bayonet



Details

- No. of poles: 2, 2+PE
- Receptacle male and female
- Cable connector male and female
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Cable to cable connection available
- High current carrying capability

IP67 Mini USB, USB 3.0, USB 2.0 connectors



Details

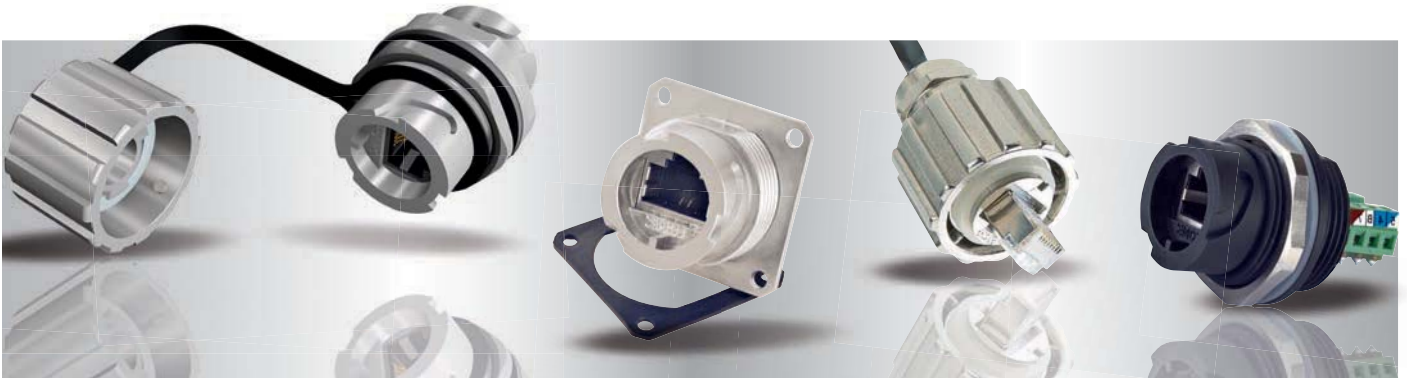
- Type: USB 3.0 Type A
- Type: USB 2.0 Type A, Mini USB Type A
- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet, M28
- Termination: soldering, PCB
- Adapters
- Degree of protection: IP20 (Patch), IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Front- and back panel mounting
- UV resistant material for use outdoors
- USB Memory Stick 2 GB integrated into protection cap
- Light-weight versions ideal for portable devices

ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 RJ45 Industrial ethernet connectors



Details

- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet, M28
- Termination: soldering, IDC, screw
- UTP Cat 5e, STP Cat 5e, S/STP Cat 6A
- Degree of protection: IP20 (Patch) IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Front- and back panel mounting
- UV resistant material for outdoor use
- Light-weight versions
- Colored interface encoding available

IP67 Fiber optic LC-duplex



Details

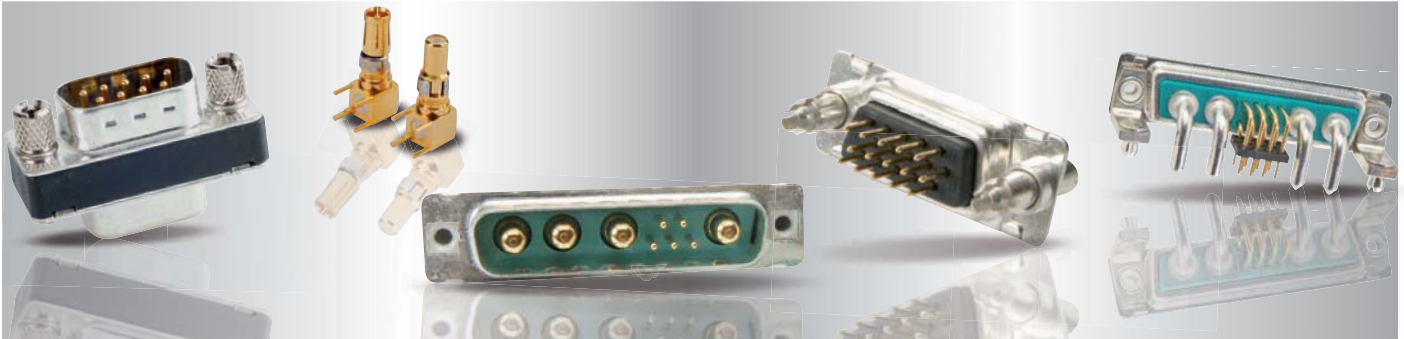
- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet
- Single Mode, Multi Mode, APC Single Mode
- Front- and back panel mounting
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Extended temperature range
- Interference-free safe data transmission
- Cost efficiency by integrated IP67 protection

ADDITIONAL CONEC PRODUCT CATEGORIES

D-SUB Connectors standard/high density/combination



Details

- Shell: steel tin plated, brass tin plated, stainless steel
- Termination: solder pin straight/angled, press-fit straight, solder cup, wire wrap, crimp
- Quality class: up to quality class 1

Benefits

- One interface for power, RF and control signals
- Space saving
- Cost saving – all in one connectors
- Low magnetic versions
- Customer-specific solutions possible

D-SUB Filter standard/high density/combination



Details

- Shell: steel tin plated, brass tin plated
- Termination: solder pin, solder cup
- Filter type: C-Filter, LC-Filter, Pi-Filter
- High DWV

Benefits

- Filtering directly at interface
- Can be used without PCB Redesign
- Filter-adaptor for retrofitting existing systems
- Up to 3-step low-pass filters
- Selective filtering
- Mixed capacities
- Low magnetic versions
- Space saving on PCB

ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 D-SUB Connectors standard/ high density/combo



Details

- Shell: brass tin plated, stainless steel
- One-piece shell (Solid Body): zinc die-cast
- One-piece shell (CONEC SlimCon): zinc die-cast, small installation space requirements
- Termination: solder pin straight/angled, solder cup
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Front- and back panel mounting
- Increased corrosion protection
- Precision machined contacts

IP67 D-SUB Filter standard/high density



Details

- Shell: brass tin plated
- Termination: solder pin, solder cup
- Filter type: C-Filter up to 1300 pF (D-SUB) up to 1000 pF (HD-SUB)
- Degree of protection: IP67

Benefits

- Filtering directly at interface
- Can be used without PCB Redesign
- Use in harsh environments
- Selective filtering
- Mixed capacities
- Low magnetic versions
- Space saving on PCB

ADDITIONAL CONEC PRODUCT CATEGORIES

D-SUB Hoods



Details

- Shell size: 1-5
- Shell: metal, plastic metallized, plastic
- Cable entry: straight, lateral, multiple
- CONEC SnapLock version

Benefits

- Large space for combination D-SUB
- Screw latching or slide locking
- Quick and easy locking (CONEC SnapLock)
- Touch protection of termination side
- For round and flat ribbon cables

IP67 D-SUB Hoods



Details

- Shell size: 1-5
- Shell: plastic, plastic metallized
- Degree of protection: IP67

Benefits

- Compact design
- Integrated cable gland
- Large space for combination D-SUB
- With shield connection
- UV resistant material for use outdoors
- Assembly without special tools

ADDITIONAL CONEC PRODUCT CATEGORIES

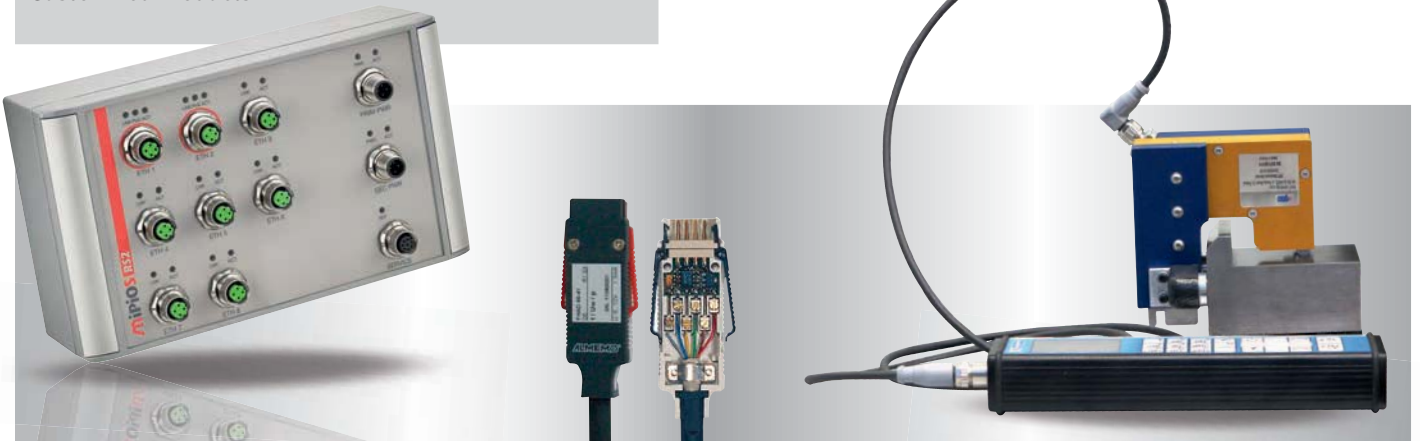
PCB Connectors



Overview

- DIN EN 60603-2
- DIN 41617
- AdvancedTCA
- Flat cable connector
- CompactPCI
- PC104/PC104

Customized Products



Many things are possible

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- Special interconnect solutions to customer specifications
- Prototypes and small series production batches
- Connectors with increased IP ratings for harsh environments



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Единый адрес: ccn@nt-rt.ru | <http://www.conec.nt-rt.ru>