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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

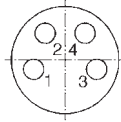
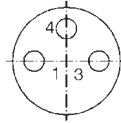
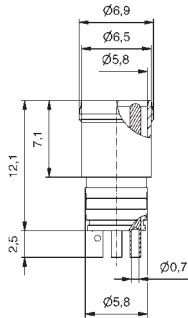
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 / IEC 61076-2-104
Current rating	IEC 61076-2-101 / IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles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

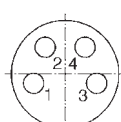
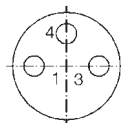
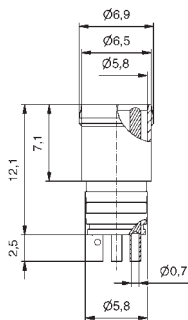
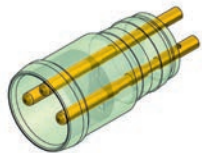
50 V AC / 60 V DC

3

SAL-8-ESP4-L

42-01006

Male connector, snap-in, plastic transparent



3

50 V AC / 60 V DC

3

SAL-8-ESTP3-L

42-01005

4

50 V AC / 60 V DC

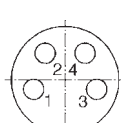
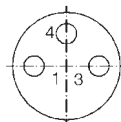
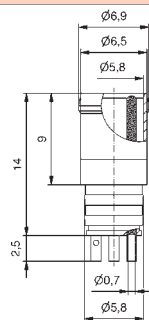
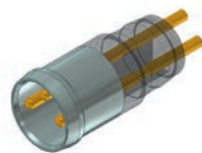
3

SAL-8-ESTP4-L

42-01007

Metal, Solder termination

Male connector, snap-in, metal/plastic transparent



3

50 V AC / 60 V DC

3

SAL-8-ESTM3-L

42-01002

4

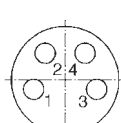
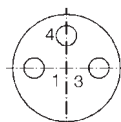
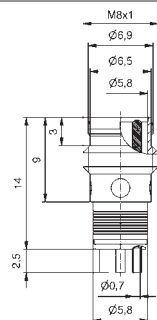
50 V AC / 60 V DC

3

SAL-8-ESTM4-L

42-01003

Male connector, screwable/snap-in, metal



3

50 V AC / 60 V DC

3

SAL-8-ESTVM3-L

42-01008

4

50 V AC / 60 V DC

3

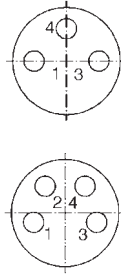
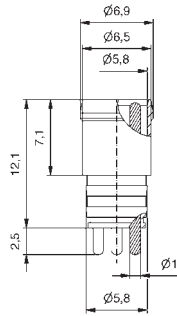
SAL-8-ESTVM4-L

42-01009

M8x1 PANEL PLUG MALE

Plastic, Dip solder termination

Male connector, snap-in, plastic dark grey



Number of poles

Coding

Rated voltage [V]

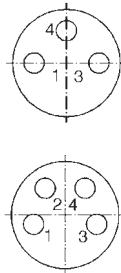
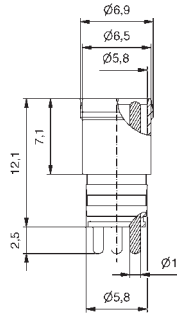
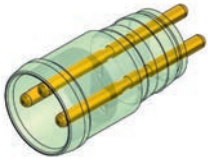
Current rating [A]

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

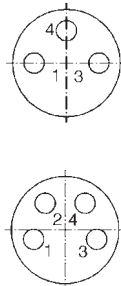
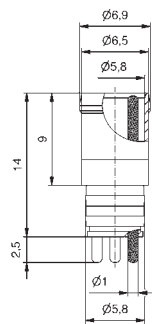
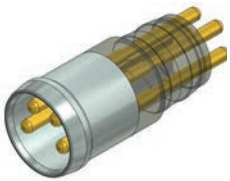
Male connector, snap-in, plastic transparent



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

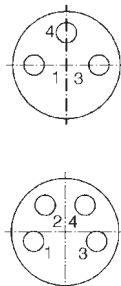
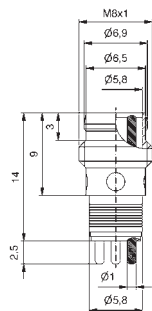
Metal, Dip solder termination

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

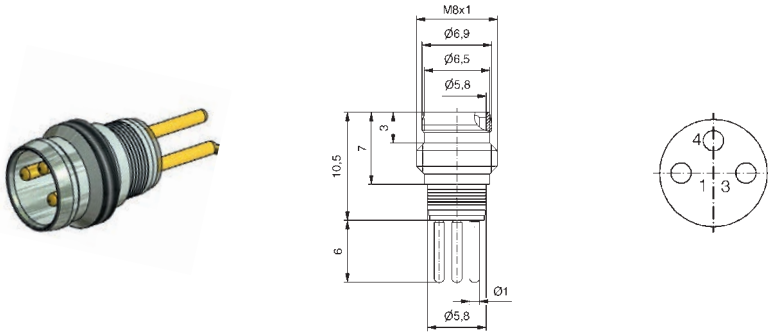


3		50 V AC / 60 V DC	3	SAL-8-ESTVM3-P	42-01016
4		50 V AC / 60 V DC	3	SAL-8-ESTVM4-P	42-01017

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

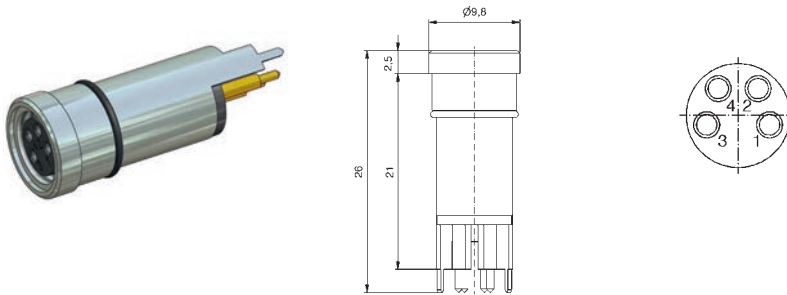
3

SAL-8-ESTVM3-P6

42-01099

Panel plug female, Dip solder termination

Female connector, axial, shielded, metal



4

30

3

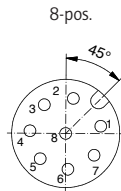
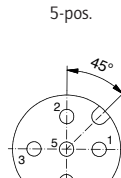
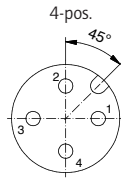
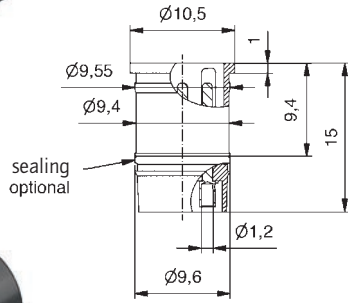
SAL-8S-EKVM4-P

42-01038

M12x1 PANEL PLUG MALE

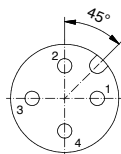
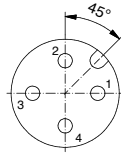
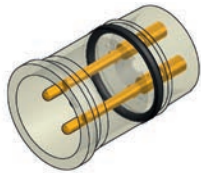
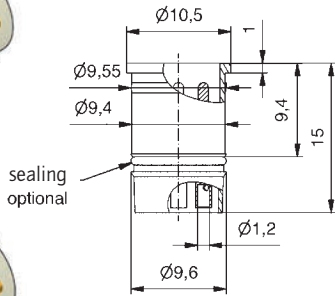
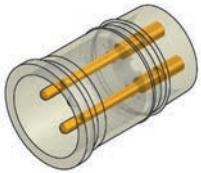
Plastic, Solder termination

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

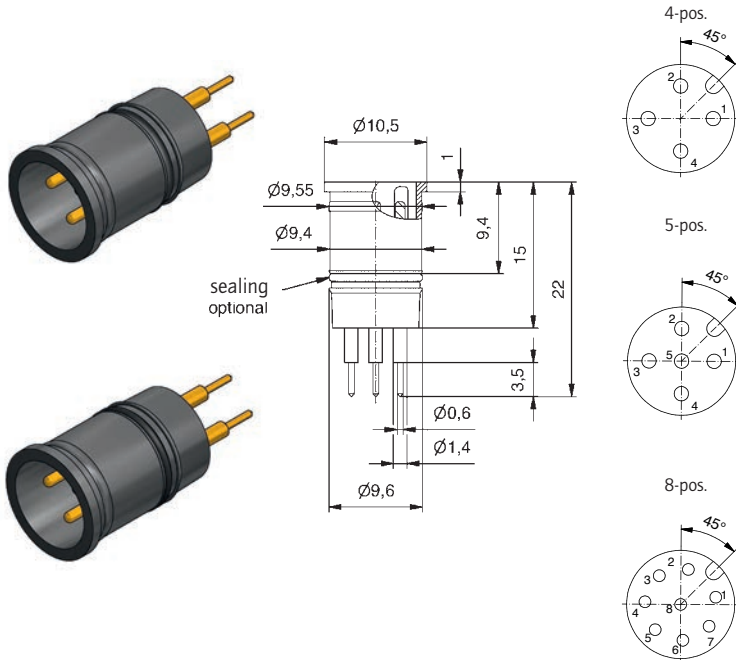


4	A	250	4		SAL-12-EST4-L	43-01682
4	A	250	4	✓	SAL-12-EST04-L	43-01340

M12x1 PANEL PLUG MALE

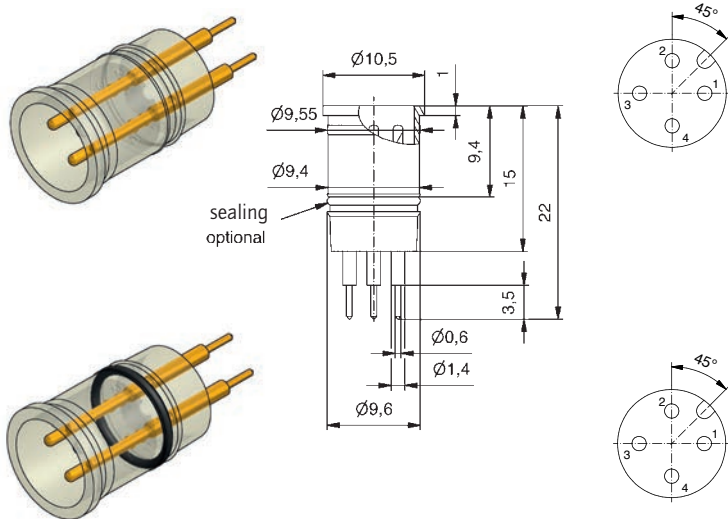
Plastic, Dip solder termination

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

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