

## SECTION 9

# CONNECTORS FOR BUS SYSTEMS

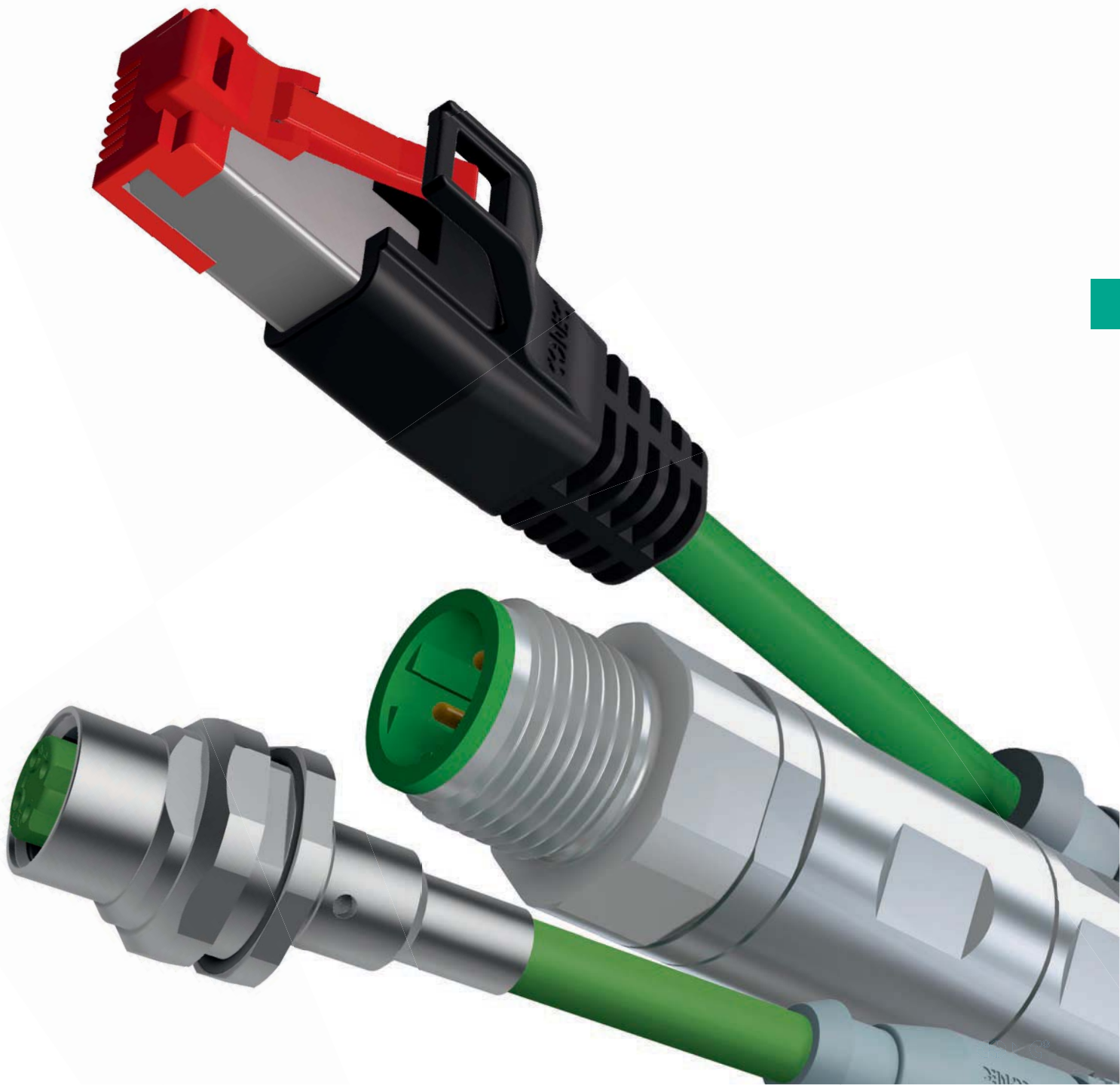


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# SAL CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz/ETHERNET 10 GBIT/S

## 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

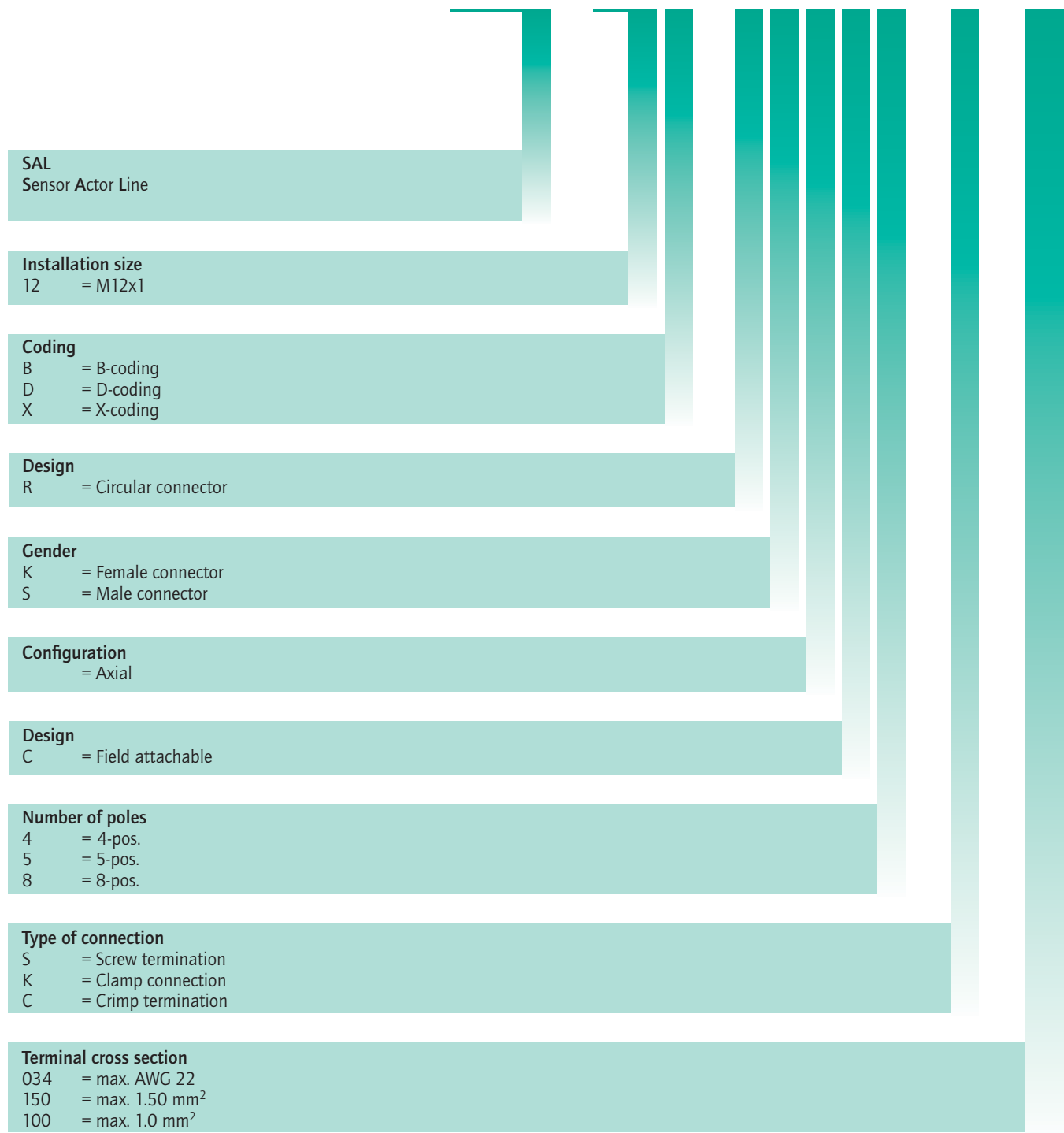
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

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 / DEVICE NET

## 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.

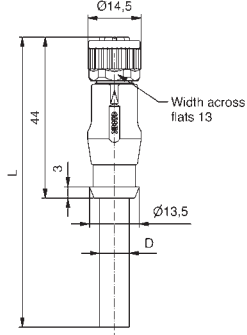
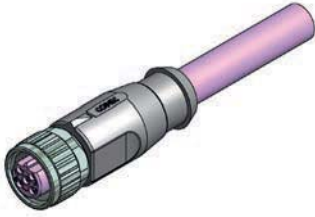
**M12x1 PROFIBUS DP OVERMOULDED  
360° Shielding**

**Female connector axial**

PVC, UL, violet, O2YSY(ST)CY

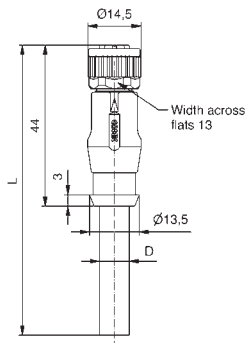
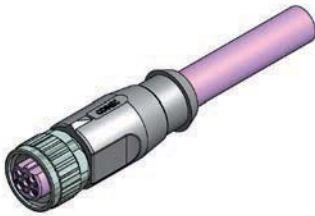
Contact assignment

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



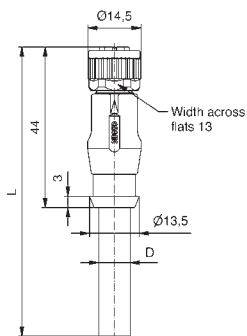
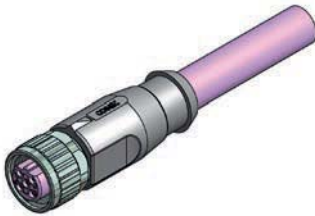
TPU, UL, violet, O2YSH(ST)CH

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



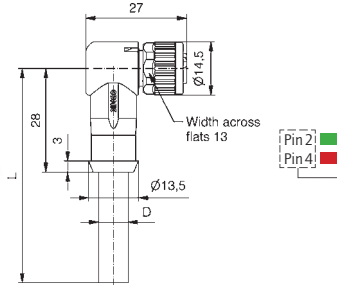
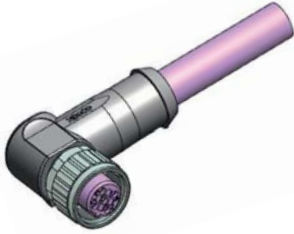
**M12x1 PROFIBUS DP OVERMOULDED  
360° Shielding**

Female connector angled

PVC, UL, violet, O2YSY(ST)CY

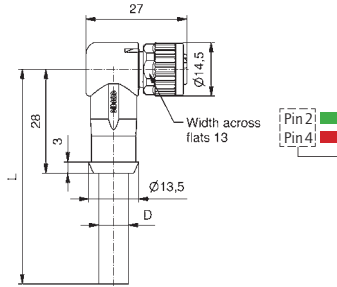
Contact assignment

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



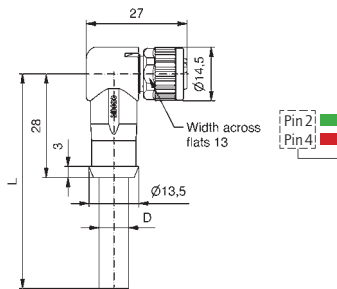
TPU, UL, violet, O2YSH(ST)CH

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]

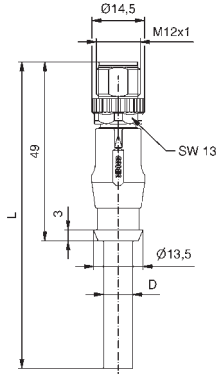
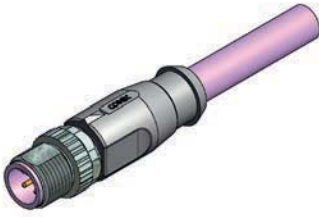
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

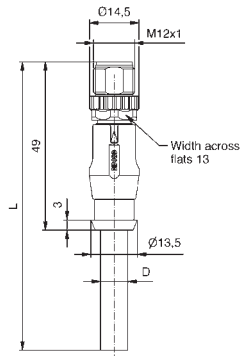
Description

Part No.



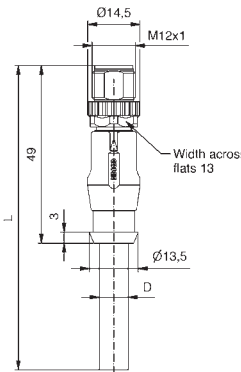
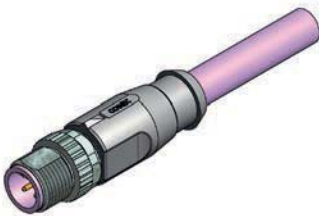
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	2	SAL-12B-RS4.1-2/G5	43-11609
					3	SAL-12B-RS4.1-3/G5	43-11610
					5	SAL-12B-RS4.1-5/G5	43-11611
					10	SAL-12B-RS4.1-10/G5	43-11612

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 x 22	2	SAL-12B-RS4.1-2/G4	43-10936
					3	SAL-12B-RS4.1-3/G4	43-10937
					5	SAL-12B-RS4.1-5/G4	43-10938
					10	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 x 23	2	SAL-12B-RS4.1-2/G7	43-11613
					3	SAL-12B-RS4.1-3/G7	43-11614
					5	SAL-12B-RS4.1-5/G7	43-11615
					10	SAL-12B-RS4.1-10/G7	43-11616

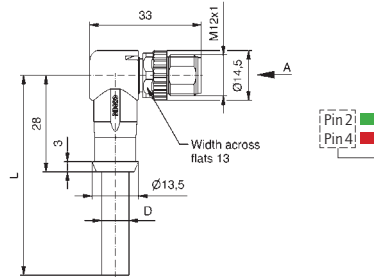
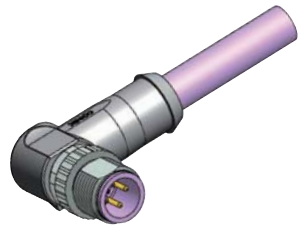
# M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Male connector angled

PVC, UL, violet, O2YSY(ST)CY

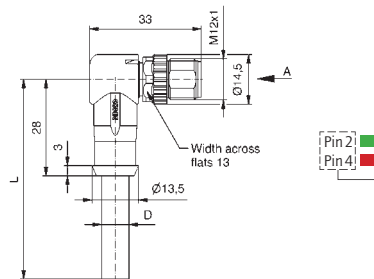
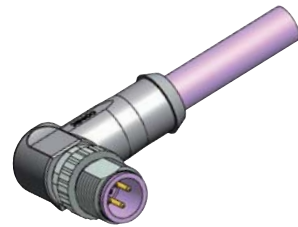
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]
4	B	160	4	2	2 x 22
				3	2 x 22
				5	2 x 22
				10	2 x 22



Description	Part No.
SAL-12B-RSW4.1-2 / G5 / A1090	43-14930
SAL-12B-RSW4.1-3 / G5 / A1090	43-14931
SAL-12B-RSW4.1-5 / G5 / A1090	43-14932
SAL-12B-RSW4.1-10 / G5 / A1090	43-14933

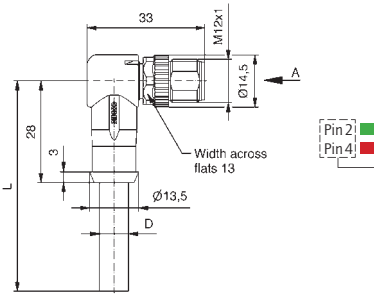
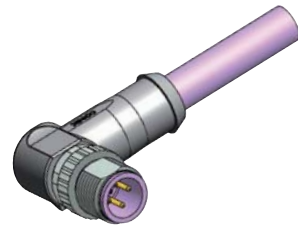
TPU, UL, violet, O2YSH(ST)CH



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]
4	B	160	4	2	2 x 22
				3	2 x 22
				5	2 x 22
				10	2 x 22

Description	Part No.
SAL-12B-RSW4.1-2 / G4 / A1090	43-14934
SAL-12B-RSW4.1-3 / G4 / A1090	43-14935
SAL-12B-RSW4.1-5 / G4 / A1090	43-14936
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]
4	B	160	4	2	2 x 23
				3	2 x 23
				5	2 x 23
				10	2 x 23

Description	Part No.
SAL-12B-RSW4.1-2 / G7 / A1090	43-14938
SAL-12B-RSW4.1-3 / G7 / A1090	43-14939
SAL-12B-RSW4.1-5 / G7 / A1090	43-14940
SAL-12B-RSW4.1-10 / G7 / A1090	43-14941

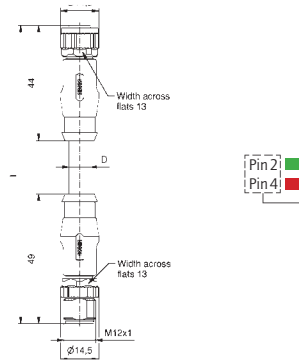
## M12x1 PROFIBUS DP OVERMOULDED Connecting cable with 360° Shielding

Female connector axial  
Male connector axial

PVC, UL, violet, O2YSY(ST)CY

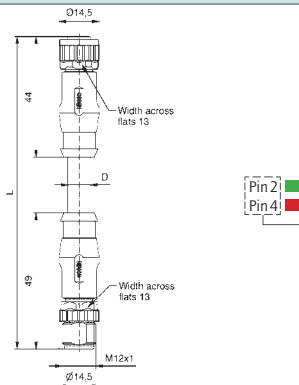
Contact assignment

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



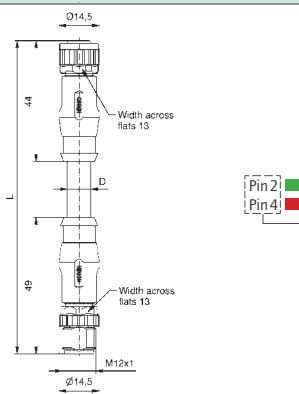
TPU, UL, violet, O2YSH(ST)CH

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

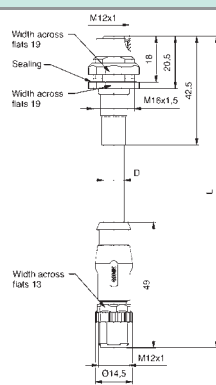
4	B	160	4	0,3	2 x 23	SAL-12B-RK4.1-RS4.1-0,3/G7	43-11228
						SAL-12B-RK4.1-RS4.1-0,6/G7	43-11621
						SAL-12B-RK4.1-RS4.1-1,5/G7	43-11622
						SAL-12B-RK4.1-RS4.1-3/G7	43-11623



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
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-RS4.1-1/G4	43-01670
4	B	160	4	2	2 x 22	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

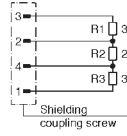
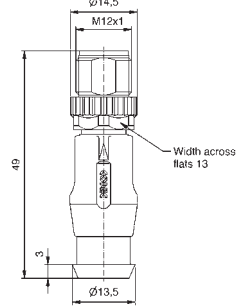
Coding

Rated voltage [V]

Current rating [A]

Description

Part No.



4

B

160

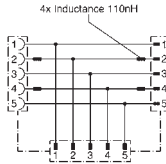
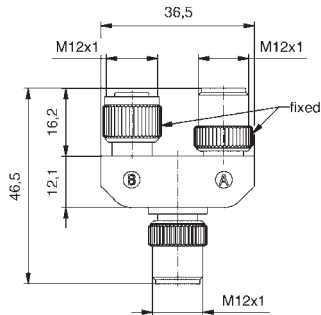
SAL-12B-RSA4.1

43-12483

**Y-SPLITTER**

Male connector M12x1

Female connector M12x1 – Male connector M12x1



5

B

60

4

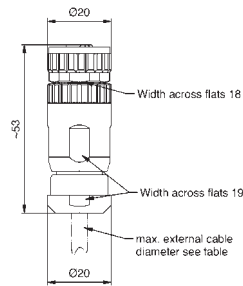
SAL-12B-RS5-RK5-RS5

43-11210

## M12x1 PROFIBUS DP FIELD ATTACHABLE 360° Shielding

### Screw termination

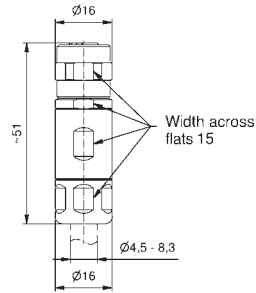
#### Female connector, axial



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

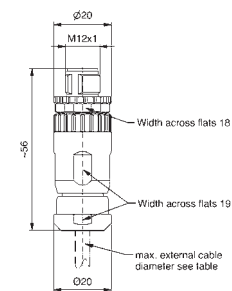
#### Female connector, axial



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

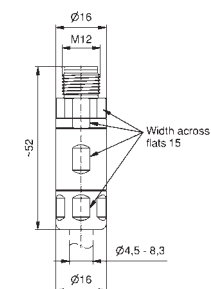
#### Male connector, axial



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

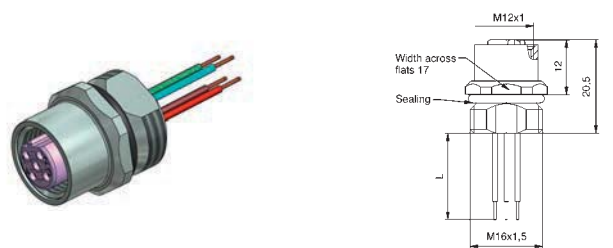

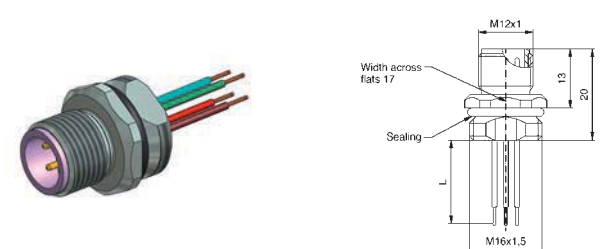
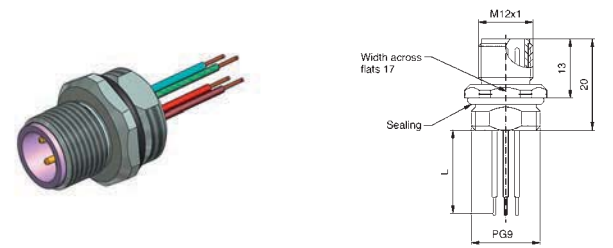
#### Male connector axial



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


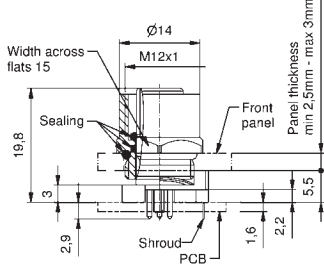
Front panel mounting, Wire termination

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

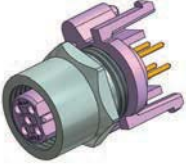
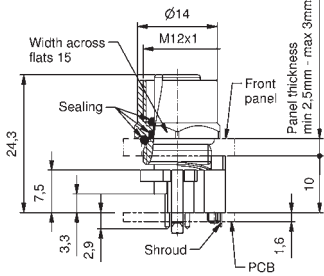
# M12x1 PROFIBUS DP SOCKETS

## Front panel mounting, Dip solder termination

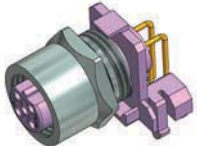
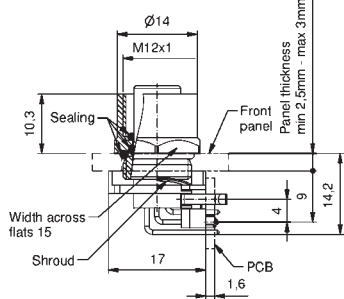
### Two-piece female connector, axial with shroud, installation height 5.5 mm

	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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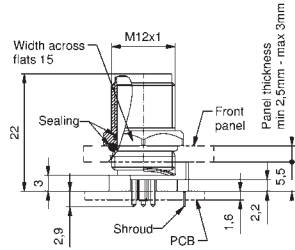
### Two-piece female connector, angled with shroud

 	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

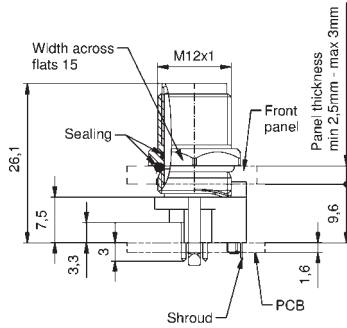
4

5,5

SAL-12B-FS4-X5,5

43-01218

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



4

B

250

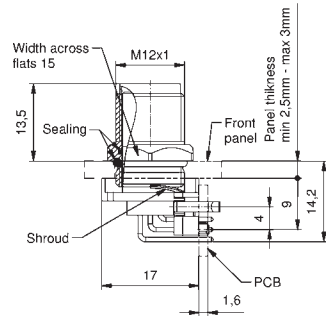
4

10

SAL-12B-FS4-X10

43-01214

Two-piece male connector, angled with shroud



4

B

250

4

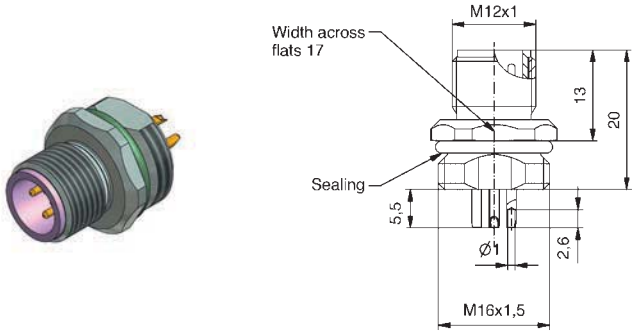
SAL-12B-FSW4

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

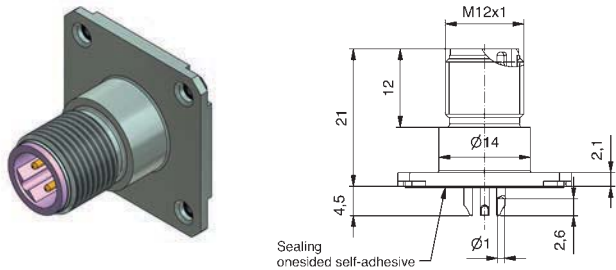
4

5,5

SAL-12B-FS4-L

43-02296

Male connector, square flange 26 mm



4

B

250

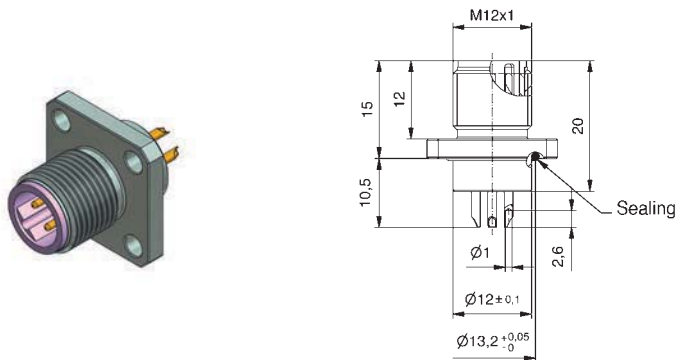
4

4,5

SAL-12B-FSV4-L-26

43-02305

Male connector, square flange 20 mm



4

B

250

4

10,5

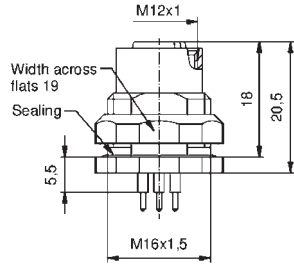
SAL-12B-FSV04-L-20

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

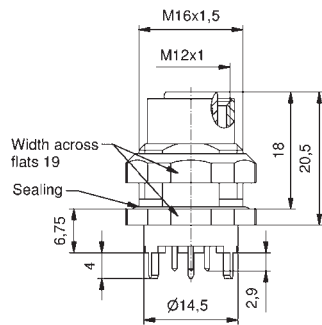
4

12

SAL-12B-FKH4-P12-9

43-01250

### Female connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

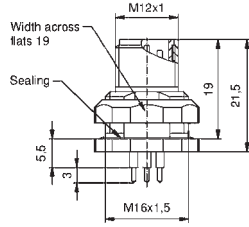
SAL-12B-FKH4-P6,75

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

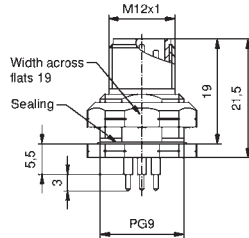
4

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

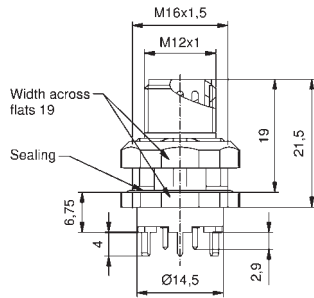
4

12

SAL-12B-FSH4-P12-9

43-01252

Male connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

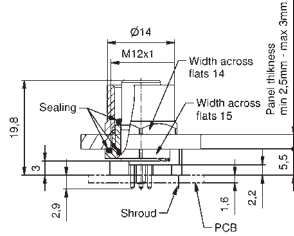
SAL-12B-FSH4-P6,75

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

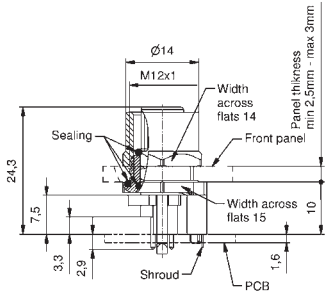
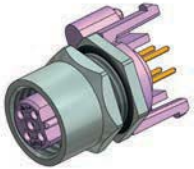
4

5,5

SAL-12B-FKH4-X5,5

43-01217

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



4

B

250

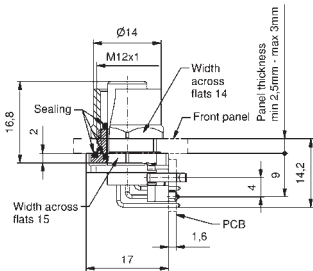
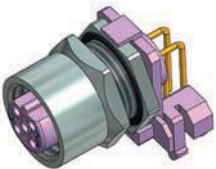
4

10

SAL-12B-FKH4-X10

43-01213

Two-piece female connector, angled with shroud



4

B

250

4

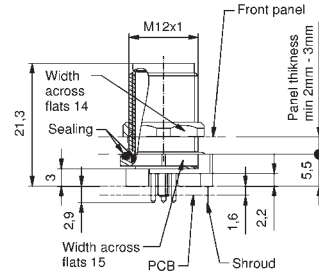
SAL-12B-FKHW4

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

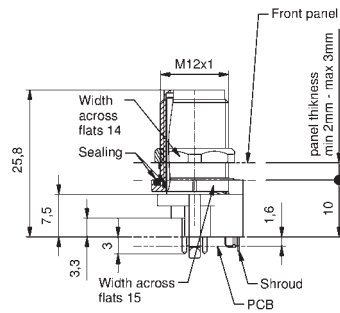
4

5,5

SAL-12B-FSH4-X5,5

43-01219

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



4

B

250

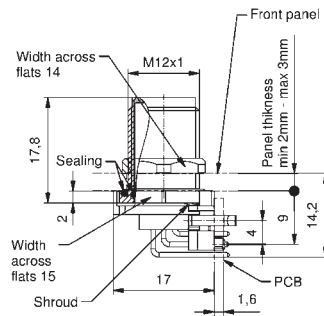
4

10

SAL-12B-FSH4-X10

43-01215

Two-piece male connector, angled with shroud



4

B

250

4

SAL-12B-FSHW4

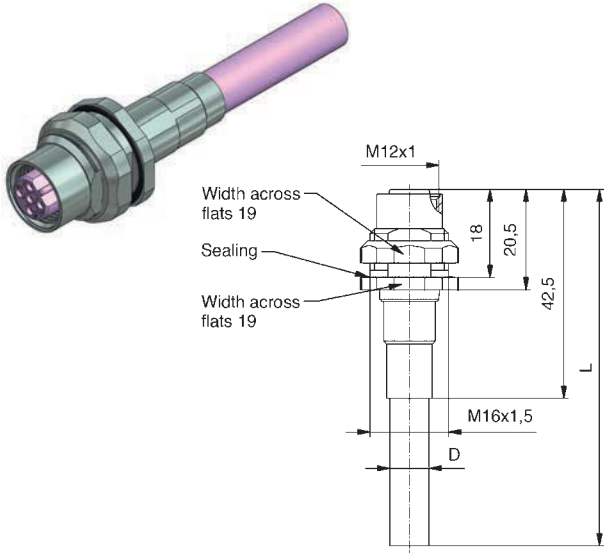
43-01227

# M12x1 PROFIBUS DP SOCKETS 360° Shielding

## Back panel mounting with cable

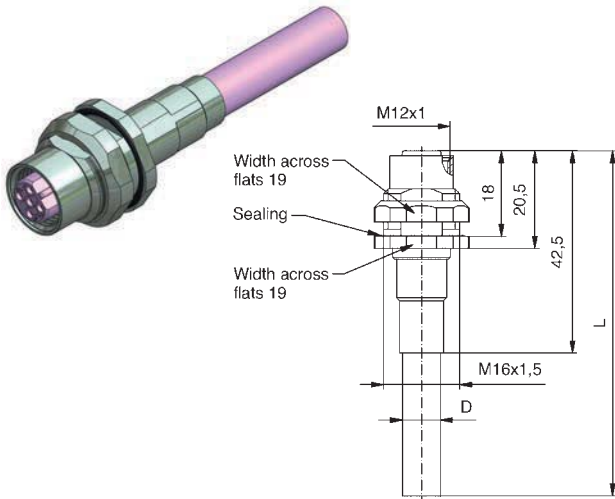
Female connector, M16x1.5 thread, PVC, UL, violet, O2YSY(ST)CY

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



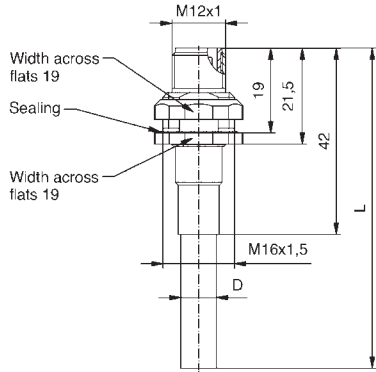
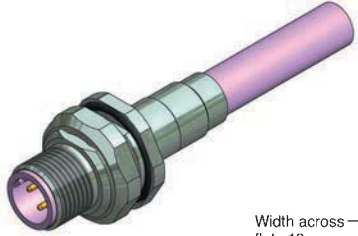
4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-0,5/ G4	43-01648
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-1/ G4	43-01649
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-2/ G4	43-01650

# M12x1 PROFIBUS DP SOCKETS 360° Shielding

## Back panel mounting with cable

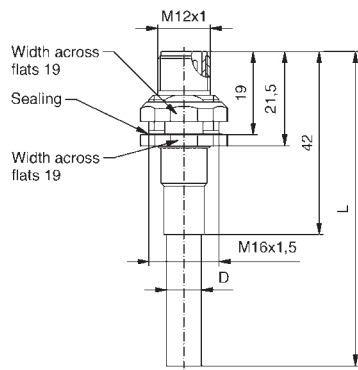
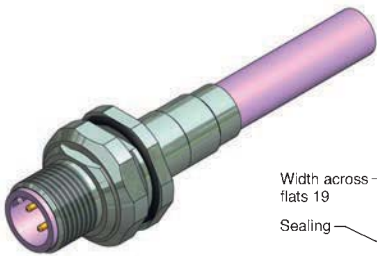
Male connector, M16x1.5 thread, PVC, UL, violet, O2YSY(ST)CY

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


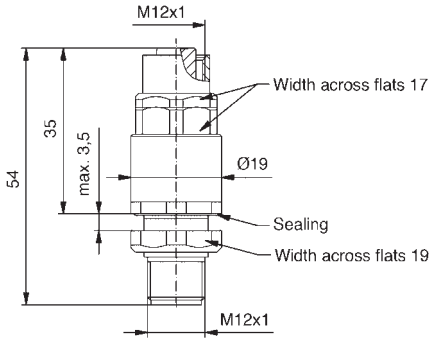
Male connector, M16x1.5 thread, TPU, UL, violet, O2YSH(ST)CH



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

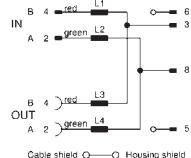
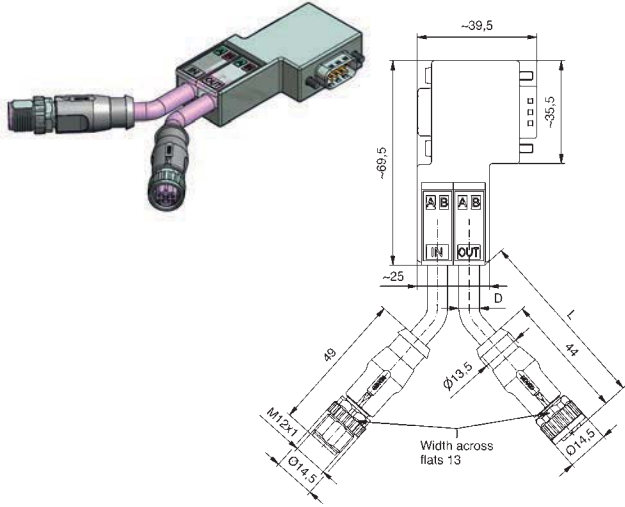
Rated voltage [V]

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

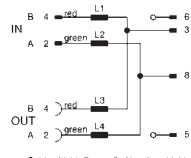
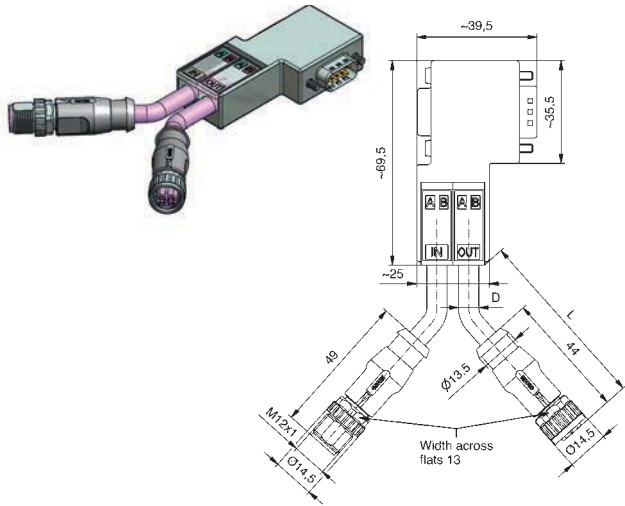
43-11757

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

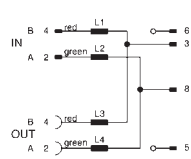
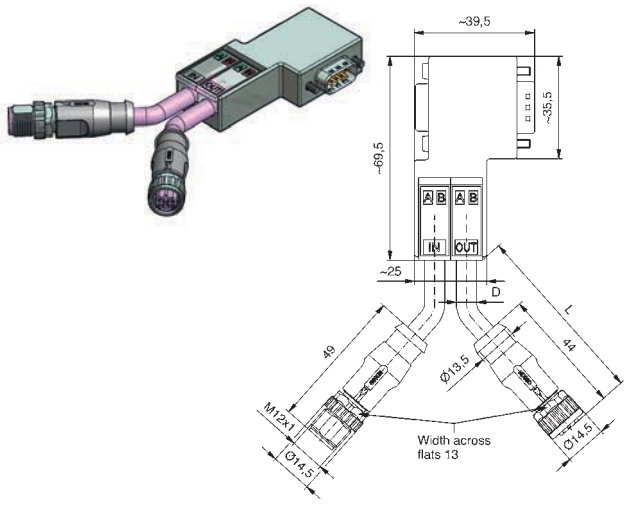
43-11754

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

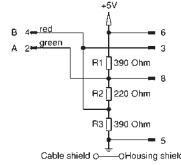
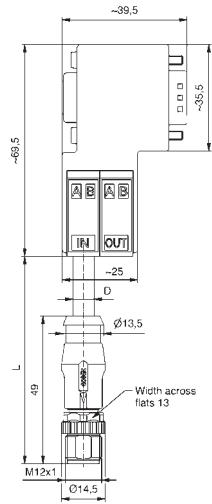
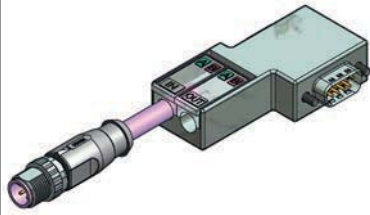
Rated voltage [V]

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

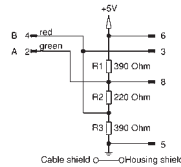
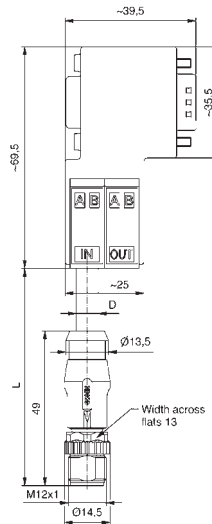
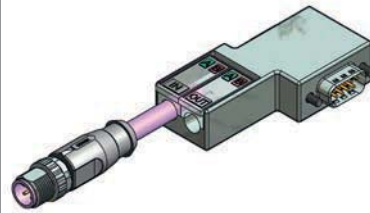
SAL-DS-SKSW9-12B-RS4.1-3/G5

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

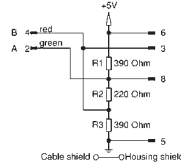
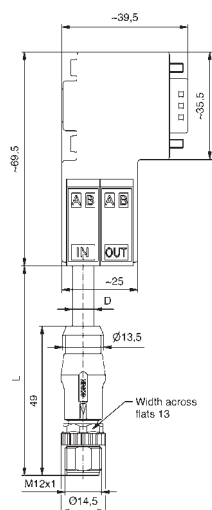
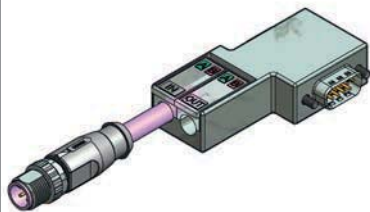
SAL-DS-SKSW9-12B-RS4.1-3/G4

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

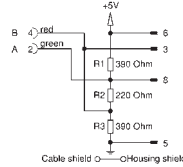
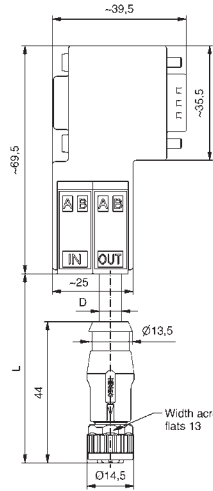
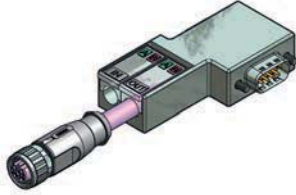
Rated voltage [V]

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

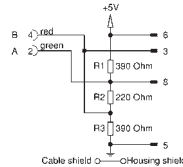
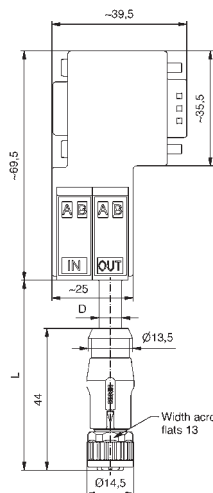
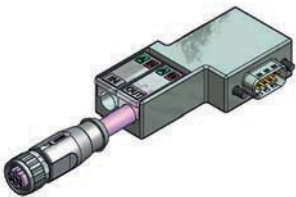
SAL-DS-SKSW9-12B-RK4.1-3 / G5

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

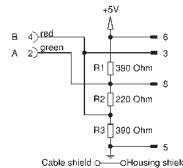
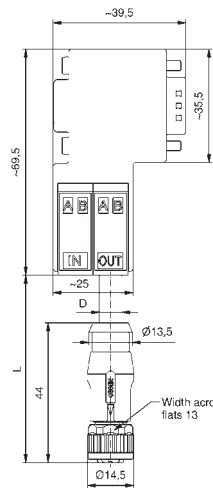
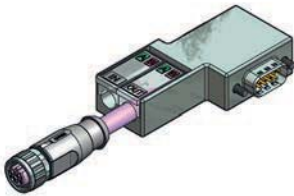
SAL-DS-SKSW9-12B-RK4.1-3 / G4

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

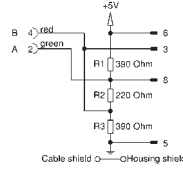
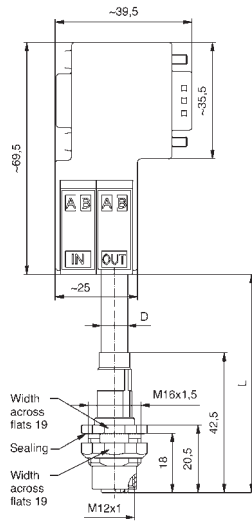
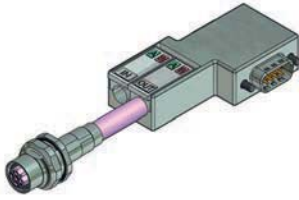
Rated voltage [V]

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]

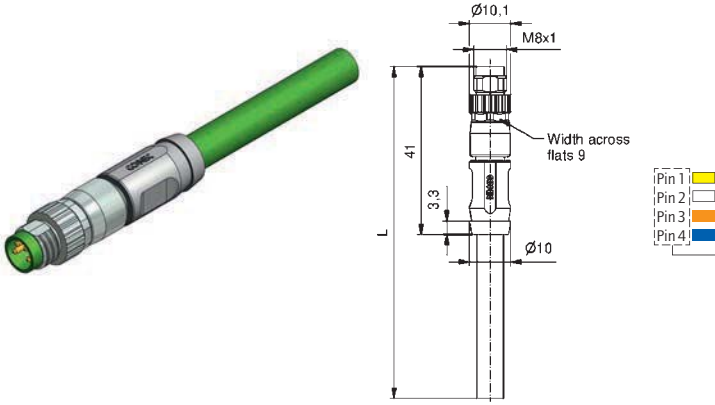
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

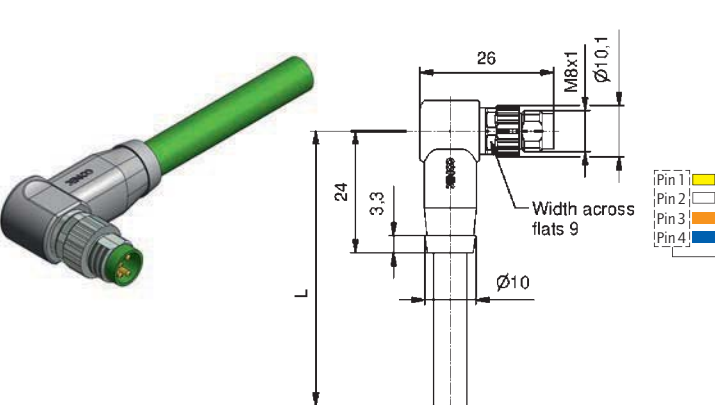
Description

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

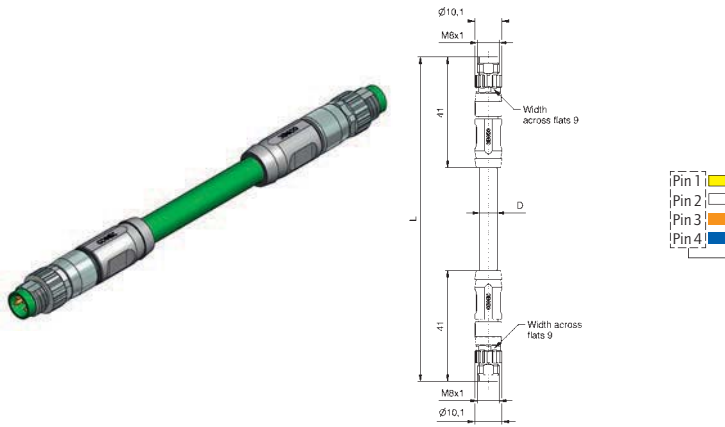
## M8x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED Connecting cable with 360° Shielding

Male connector axial  
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

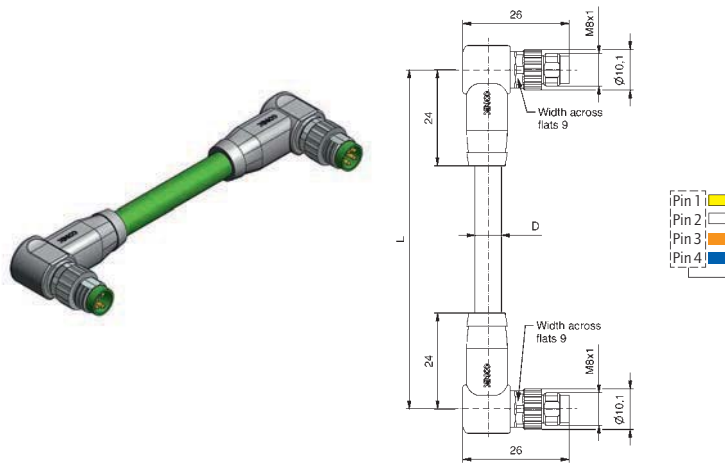
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4		30	3	4 x 22		SAL-8S-RS4.2-RS4.2-1/G6/034	42-13477
						SAL-8S-RS4.2-RS4.2-2/G6/034	42-13478
						SAL-8S-RS4.2-RS4.2-5/G6/034	42-13479
						SAL-8S-RS4.2-RS4.2-10G6/034	42-13480



Male connector angled  
Male connector angled

TPU, UL, halogenfree, green, Cat 5e

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

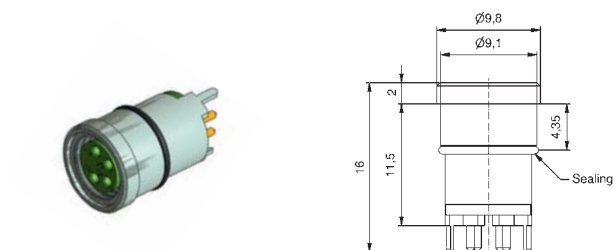


## M8x1 INDUSTRIAL ETHERNET 100MHz Socket

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

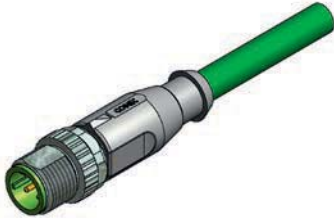
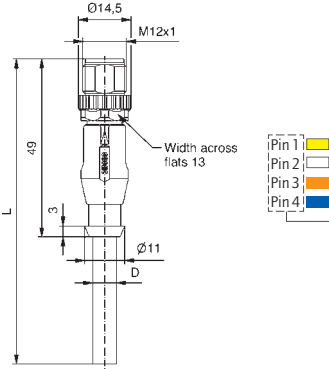


## M12x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED 360° Shielding

Male connector axial

TPU, UL, halogenfree, green, Cat 5e


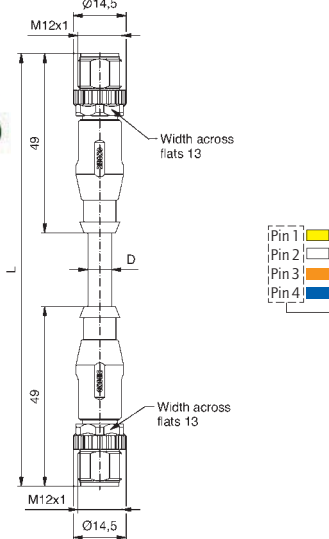
Contact assignment

	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

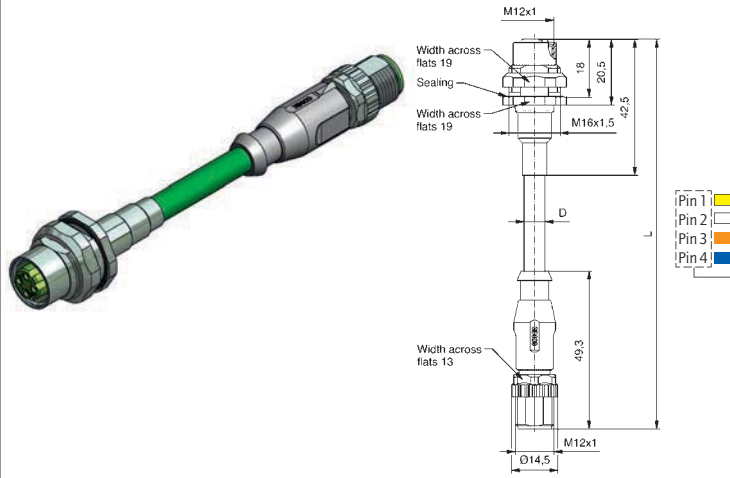
**M12x1 - RJ45 INDUSTRIAL ETHERNET 100MHz**  
Connecting cable with 360° Shielding

Female socket Back panel mounting  
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

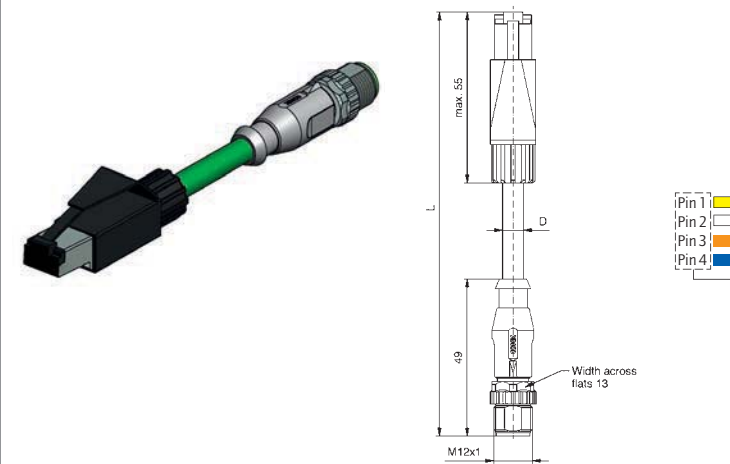
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	D	160	4	1	4 x 22	SAL-12D-FKH4.2-RS4.2-0,5 / G6	43-01672
						SAL-12D-FKH4.2-RS4.2-1 / G6	43-01673
						SAL-12D-FKH4.2-RS4.2-2 / G6	43-01674



Male connector RJ45 field attachable  
Male connector M12x1 axial, overmoulded

TPU, UL, halogenfree, green, Cat 5e

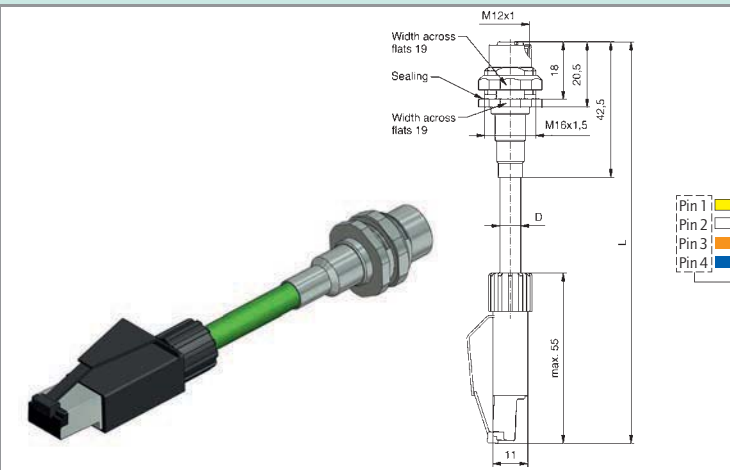
4	D	48	350 mA	4 x 22	SAL-45-SS4-12D-RS4.2-0,3 / G6	43-12484
					SAL-45-SS4-12D-RS4.2-0,6 / G6	43-12485
					SAL-45-SS4-12D-RS4.2-1,5 / G6	43-10996
					SAL-45-SS4-12D-RS4.2-3 / G6	43-10997



Male connector RJ45 field attachable  
Female socket, Back panel mounting

TPU, UL, halogenfree, green, Cat 5e

4	D	48	350 mA	4 x 22	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



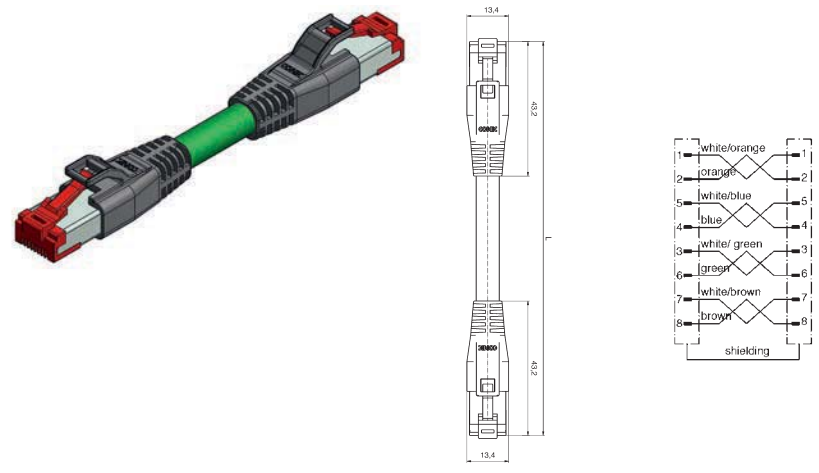
**RJ45 INDUSTRIAL ETHERNET 100 MHz, AWG 24**  
Connecting cable , overmoulded

Male connector RJ45 axial  
Male connector RJ45 axial

PVC, UL, green, Cat 5e

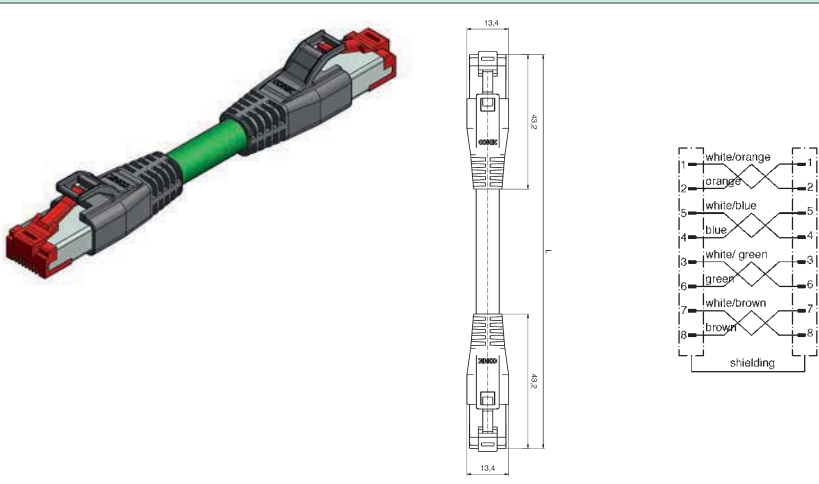
Contact assignment

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



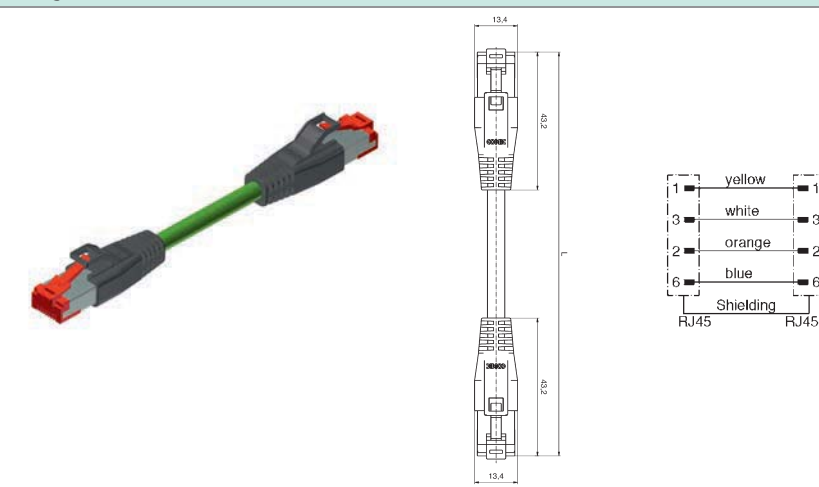
TPU, UL, green, Cat 5e

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



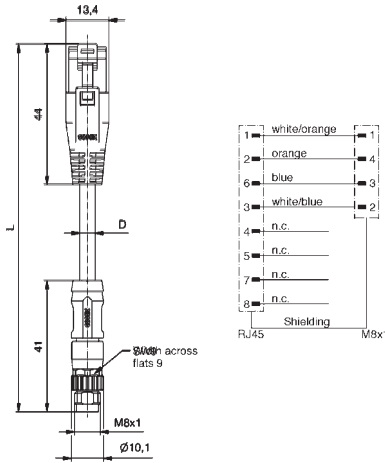
**RJ45 – INDUSTRIAL ETHERNET 100 MHz, AWG 26**  
Connecting cable, overmoulded

Male connector M8x1 axial  
Male connector M8x1 axial

TPU, green, cULus 20236, Cat 5e

Contact assignment

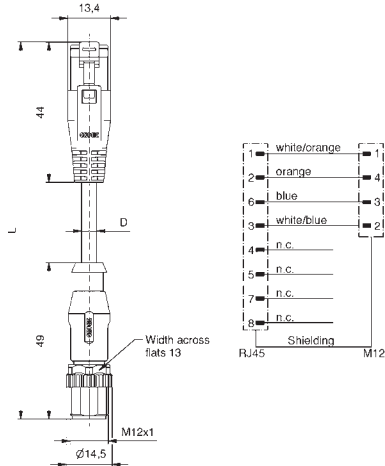
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4		30	1	0,3	4 x 26	SAL-45S-RS8.33-8D-RS4.24-0,3/GD/014	42-13316
						SAL-45S-RS8.33-8D-RS4.24-1,5/GD/014	42-13317



Male connector RJ45 axial  
Male connector M12x1 axial

TPU, green, cULus 20236, Cat 5e

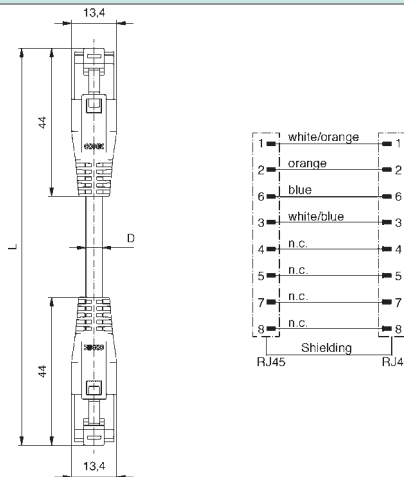
4	D	30	1	0,3	4 x 26	SAL-45S-RS8.33-12D-RS4.24-0,3/GD/014	43-18908
						SAL-45S-RS8.33-12D-RS4.24-1,5/GD/014	43-18909



Male connector RJ45 axial  
Male connector RJ45 axial

TPU, green, cULus 20236, Cat 5e


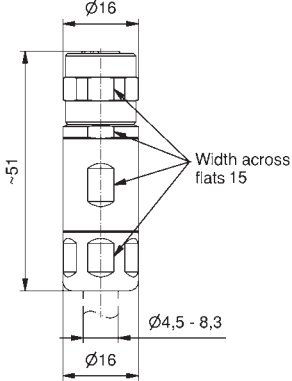
4		30	1	0,3	4 x 26	RJ-45S-RS8.33-RS8.33-0,3/GD/014	43-18910
						RJ-45S-RS8.33-RS8.33-1,5/GD/014	43-18911




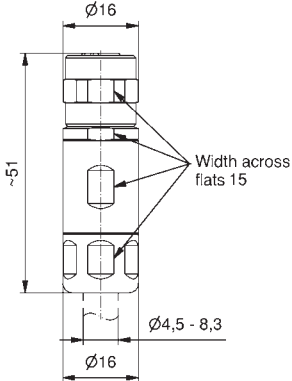
**M12x1 INDUSTRIAL ETHERNET 100MHz FIELD ATTACHABLE  
360° Shielding**

**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**

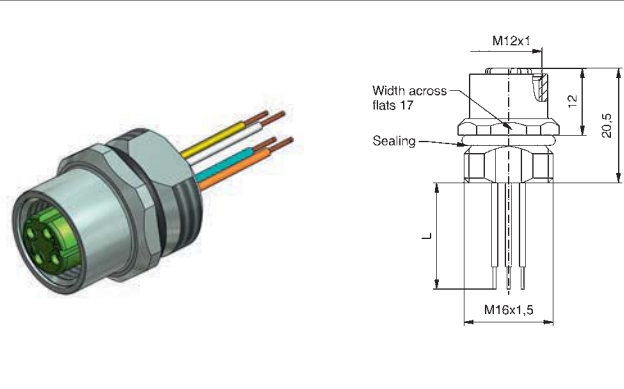
		4	D	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12D-RSC4-C/100	43-00417
--	--	---	---	-----	---	-----------	------------	--------------------	----------

# M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

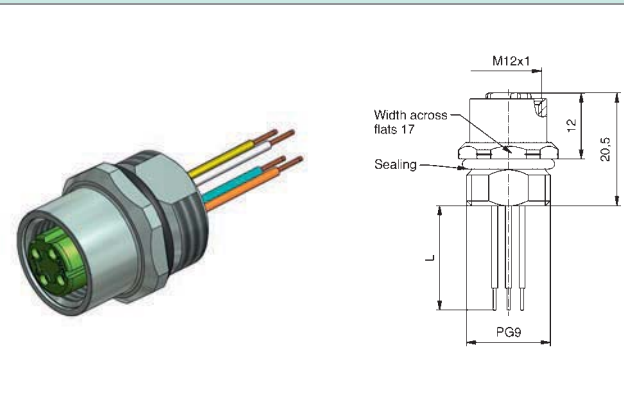
Contact assignment



- 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



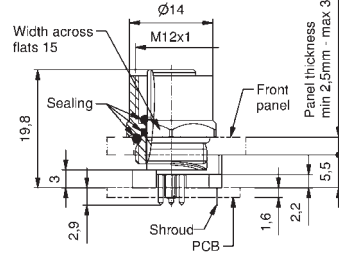
- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

4	D	250	4	PVC	22	0,5	SAL-12D-FK4.2-0,5-9	43-01111
---	---	-----	---	-----	----	-----	---------------------	----------

# 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

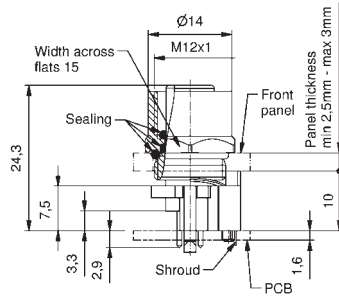
4

5,5

SAL-12D-FK4-X5,5

43-01222

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



4

D

250

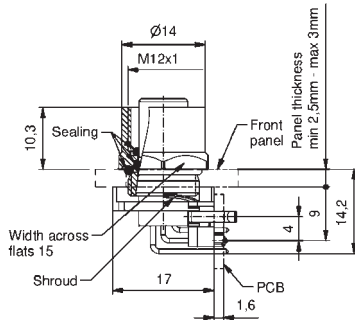
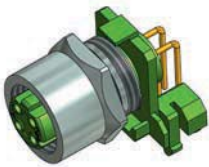
4

10

SAL-12D-FK4-X10

43-01220

### Two-piece female connector, angled with shroud



4

D

250

4


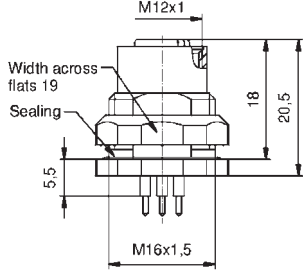
SAL-12D-FKW4

43-01228


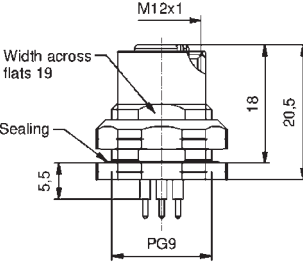
# M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

## Back panel mounting, Dip solder termination


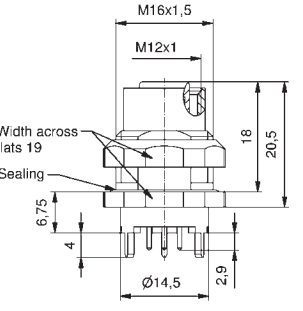
### Female connector, M16x1.5 thread

		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

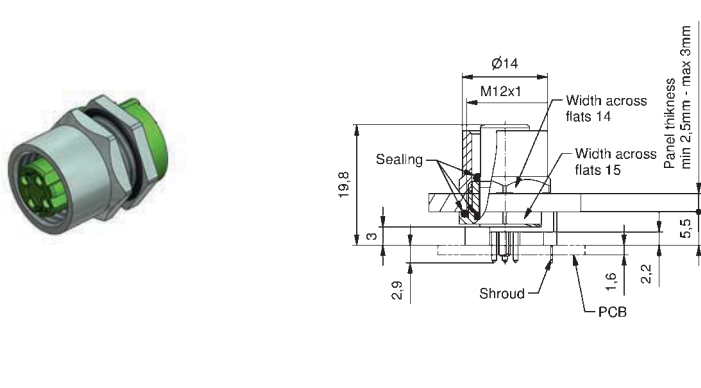
### Female connector with shielded connection, M16x1.5 thread

		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

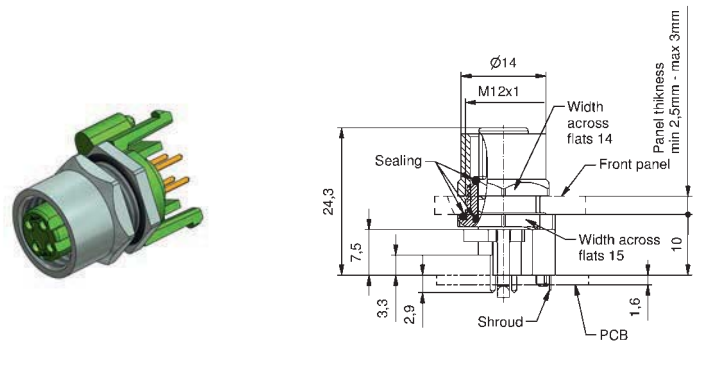
4

5,5

SAL-12D-FKH4-X5,5

43-01223

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



4

D

250

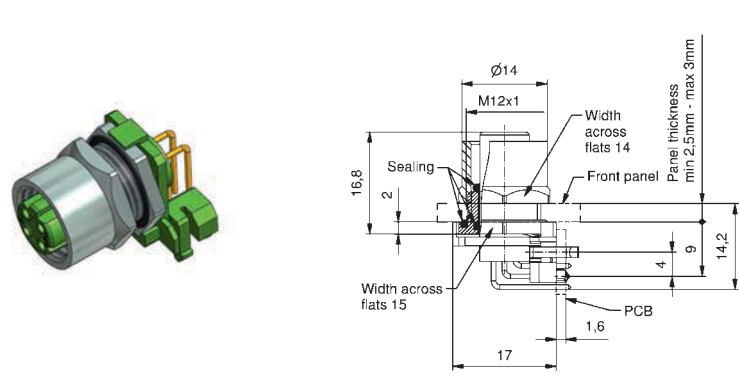
4

10

SAL-12D-FKH4-X10

43-01221

Two-piece female connector, angled with shroud



4

D

250

4

SAL-12D-FKHW4

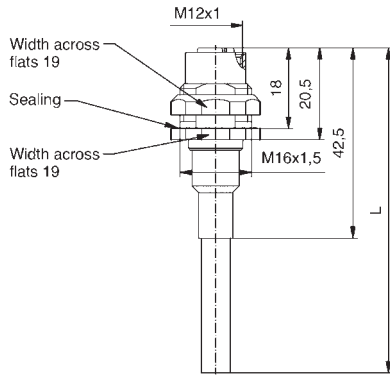
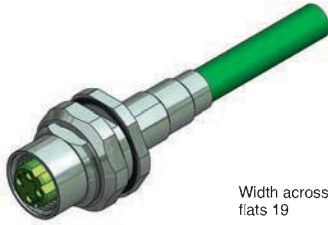
43-01229

**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



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


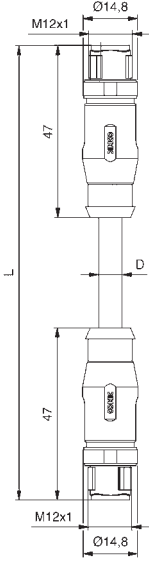
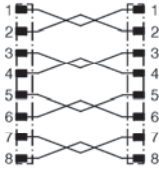
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	D	160	4	0,5	4 x 22	SAL-12D-FKH4.2-0,5/ G6	43-01660
4	D	160	4	1	4 x 22	SAL-12D-FKH4.2-1/ G6	43-01661
4	D	160	4	2	4 x 22	SAL-12D-FKH4.2-2/ G6	43-01662

## M12x1 ETHERNET 10 GBIT/S OVERMOULDED Connecting cable

Male connector axial  
Male connector axial

TPU, waterblue, S-FTP


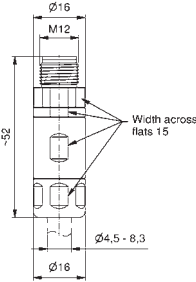
Contact assignment

	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


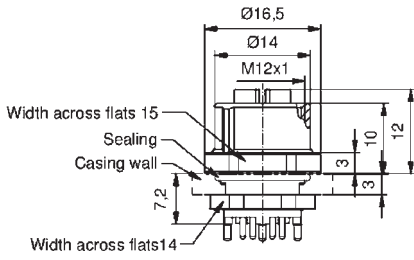
Male connector, axial

	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

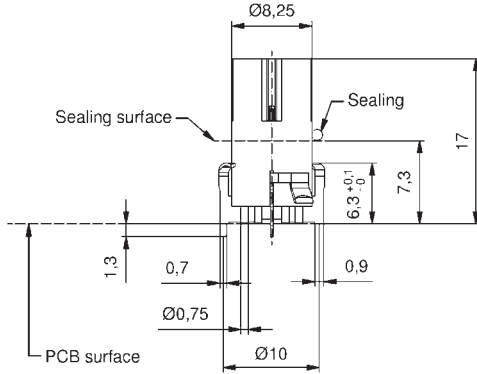
Female connector, installation height 7.2 mm

	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

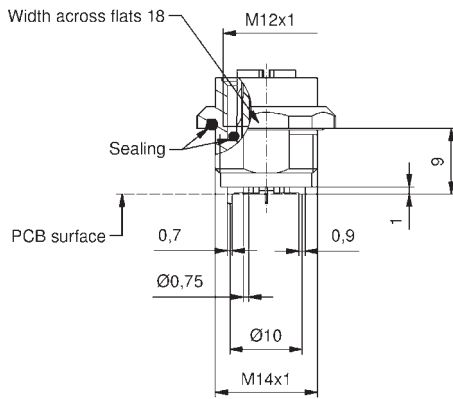
48

0,5

SAL-12X-1K8/SMT

43-02362

**Female connector SMT, installation height 9 mm**



8

X

48

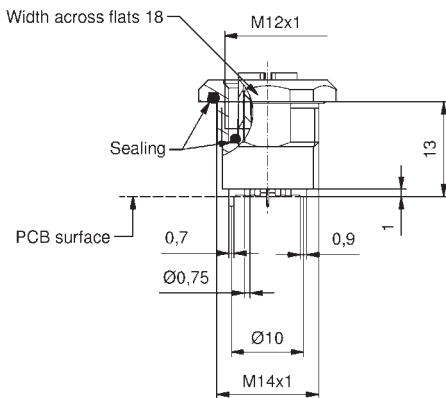
0,5

9

SAL-12X-FK8-X9/  
SMT

43-02757

**Female connector SMT, installation height 13 mm**



8

X

48

0,5

13

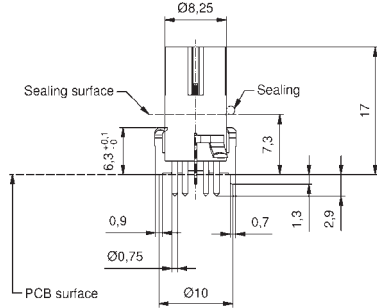
SAL-12X-FK8-X13/  
SMT

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

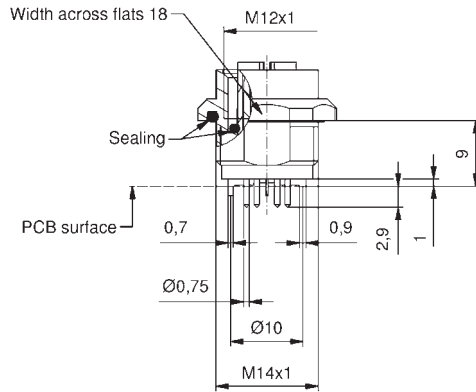
48

0,5

SAL-12X-1K8/THR

43-02363

**Female connector THR, installation height 9 mm**



8

X

48

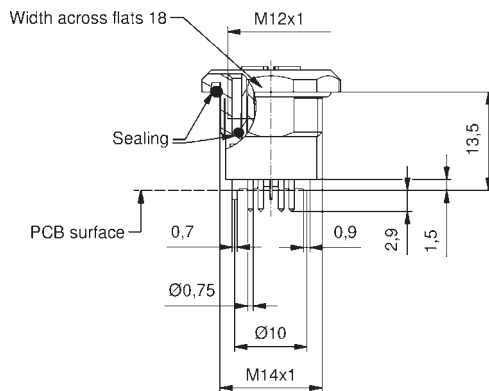
0,5

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

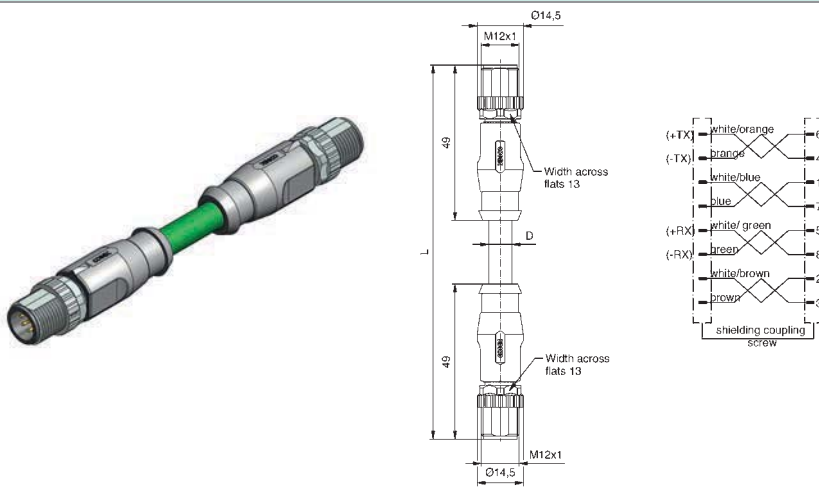
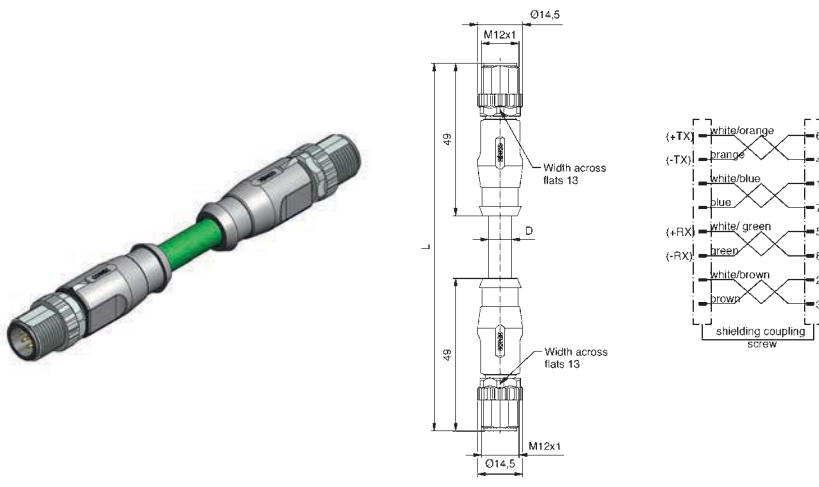
PVC, UL, green, Cat 5e

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


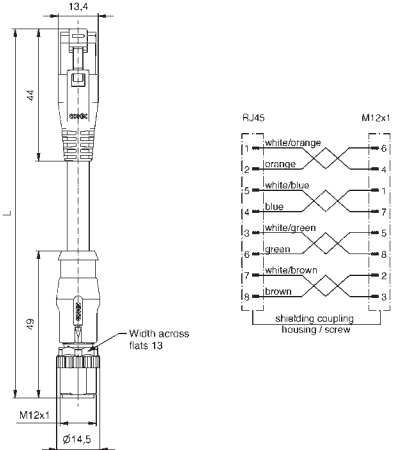


**RJ45 – M12x1 CONEC ETHERCORD**  
Connecting cable with 360° shielding


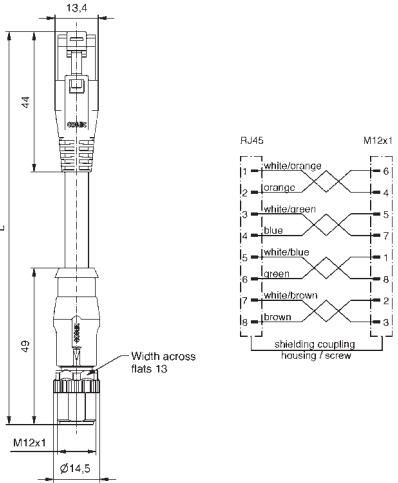
Male connector RJ45 axial  
Male connector M12x1 axial

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		SAL-45S-RS8.31-12S-RS8.23-0,3/GAJ	43-18411
							SAL-45S-RS8.31-12S-RS8.23-0,6/GAJ	43-18412
							SAL-45S-RS8.31-12S-RS8.23-1,5/GAJ	43-18413
							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		SAL-45S-RS8.31-12S-RS8.23-0,3/GAF	43-18415
							SAL-45S-RS8.31-12S-RS8.23-0,6/GAF	43-18416
							SAL-45S-RS8.31-12S-RS8.23-1,5/GAF	43-18417
							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]

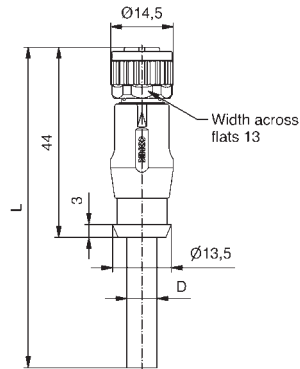
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



- Pin 1  (Schirm/shielding)
- Pin 2  (+)
- Pin 3  (-)
- Pin 4  (CAN H)
- Pin 5  (CAN L)

5

A

60

4

2

2 x 22 + 2 x 23

SAL-DN-12-RK5.3-2 / GC

43-12508

SAL-DN-12-RK5.3-3 / GC

43-12509

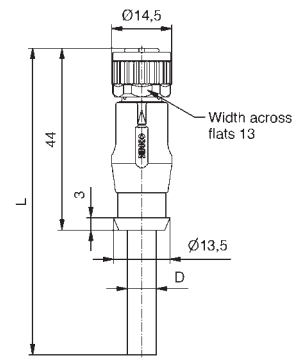
SAL-DN-12-RK5.3-5 / GC

43-12510

SAL-DN-12-RK5.3-10 / GC

43-12511

TPU, UL, violet



- Pin 1  (Schirm/shielding)
- Pin 2  (+)
- Pin 3  (-)
- Pin 4  (CAN H)
- Pin 5  (CAN L)

5

A

60

4

2

2 x 22 + 2 x 23

SAL-DN-12-RK5.3-2 / GJ

43-12512

SAL-DN-12-RK5.3-3 / GJ

43-12513

SAL-DN-12-RK5.3-5 / GJ

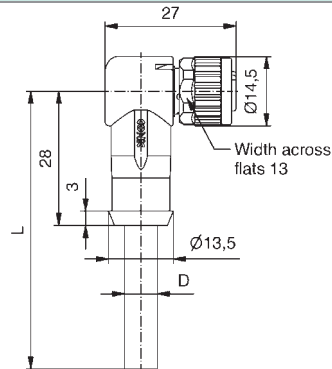
43-12514

SAL-DN-12-RK5.3-10 / GJ

43-12515

## Female connector angled

PVC, UL, grey



- Pin 1  (Schirm/shielding)
- Pin 2  (+)
- Pin 3  (-)
- Pin 4  (CAN H)
- Pin 5  (CAN L)

5

A

60

4

2

2 x 22 + 2 x 23

SAL-DN-12-RKW5.3-2 / GC

43-12516

SAL-DN-12-RKW5.3-3 / GC

43-12517

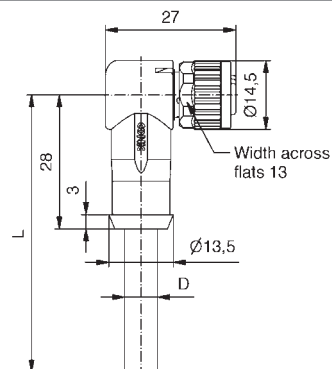
SAL-DN-12-RKW5.3-5 / GC

43-12518

SAL-DN-12-RKW5.3-10 / GC

43-12519

TPU, UL, violet



- Pin 1  (Schirm/shielding)
- Pin 2  (+)
- Pin 3  (-)
- Pin 4  (CAN H)
- Pin 5  (CAN L)

5

A

60

4

2

2 x 22 + 2 x 23

SAL-DN-12-RKW5.3-2 / GJ

43-12520

SAL-DN-12-RKW5.3-3 / GJ

43-12521

SAL-DN-12-RKW5.3-5 / GJ

43-12522

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]

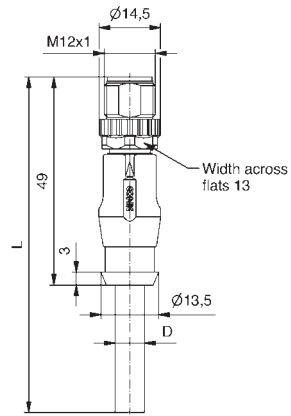
Current rating [A]

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

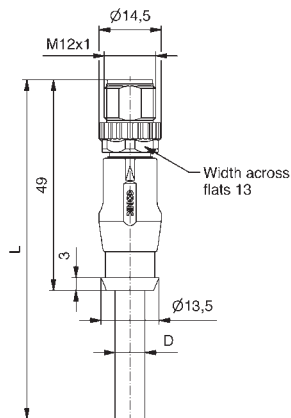
60

4

2 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 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]


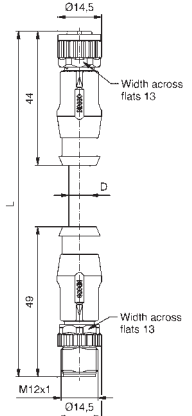





Current rating [A]

Cable length = L [m]


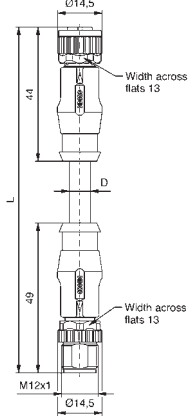





Wire cross section [AWG]

Description

Part No.


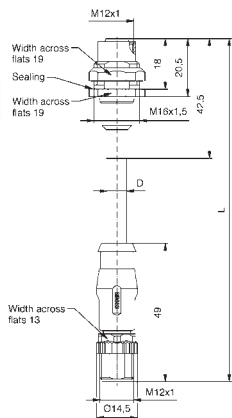





  <p>Pin 1  (Schirm/shielding)          Pin 2  (+)          Pin 3  (-)          Pin 4  (CAN H)          Pin 5  (CAN L)</p>	0,3	2 x 22 + 2 x 23	SAL-DN-12-RK5.3-RS5.3-0,3 / GC	43-12524
	0,6		SAL-DN-12-RK5.3-RS5.3-0,6 / GC	43-12525
	1,5		SAL-DN-12-RK5.3-RS5.3-1,5 / GC	43-12526
	3		SAL-DN-12-RK5.3-RS5.3-3 / GC	43-12527

TPU, UL, violet

  <p>Pin 1  (Schirm/shielding)          Pin 2  (+)          Pin 3  (-)          Pin 4  (CAN H)          Pin 5  (CAN L)</p>	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>	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]


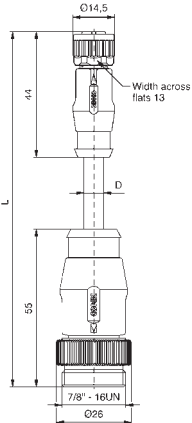





Current rating [A]

Cable length = L [m]


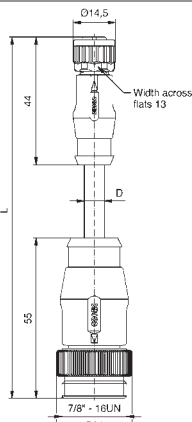





Wire cross section [AWG]

Description

Part No.

		<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	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3/GC	43-12532
								0,6	SAL-DN-12-RK5.3-7/8-RS5.3-0,6/GC	43-12533
								1,5	SAL-DN-12-RK5.3-7/8-RS5.3-1,5/GC	43-12534
								3	SAL-DN-12-RK5.3-7/8-RS5.3-3/GC	43-12535

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	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3/GJ	43-12536
								0,6	SAL-DN-12-RK5.3-7/8-RS5.3-0,6/GJ	43-12537
								1,5	SAL-DN-12-RK5.3-7/8-RS5.3-1,5/GJ	43-12538
								3	SAL-DN-12-RK5.3-7/8-RS5.3-3/GJ	43-12539

## M12x1 DEVICE NET OVERMOULDED

Terminating plug

Contact assignment


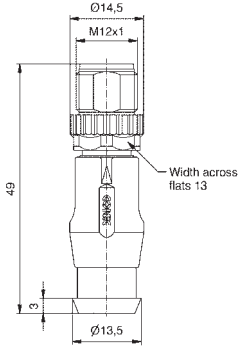





Number of poles

Coding

Rated voltage [V]

Description

Part No.

		<p>1  Shielding</p> <p>2  +</p> <p>3  -</p> <p>4  CAN H</p> <p>5  CAN L</p> <p>R1 120Ω 0,25W</p>	5	A	60			SAL-DN-12-RSA5.3	43-12642

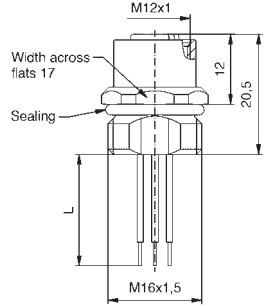
# M12x1 DEVICE NET SOCKETS

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

Contact assignment

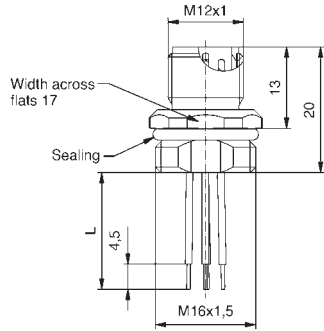
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	PVC	0,5	24	SAL-DN-12-FK5.3-0,5	43-01367



- 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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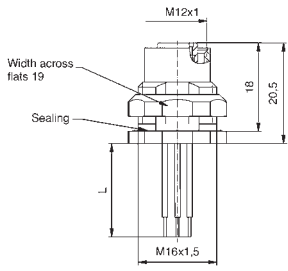





- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

# M12x1 DEVICENET SOCKETS


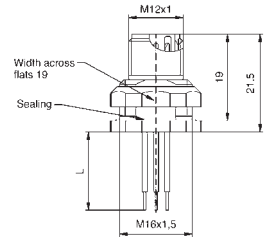





## Back panel mounting, Wire termination

### Female connector, M16x1.5 thread

#### Contact assignment


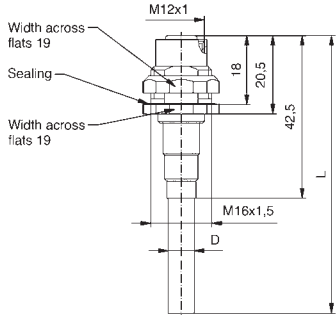





Female connector, M16x1.5 thread	Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire-/ Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  <p>Pin 1  (Schirm/shielding)                  Pin 2  (+)                  Pin 3  (-)                  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


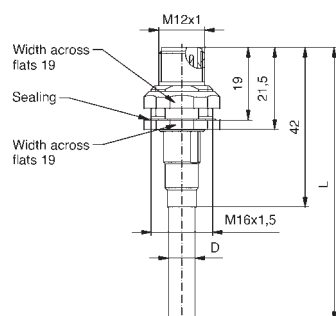





  <p>Pin 1  (Schirm/shielding)                  Pin 2  (+)                  Pin 3  (-)                  Pin 4  (CAN H)                  Pin 5  (CAN L)</p>	5	A	60	4	PVC	0,5	24	SAL-DN-12-FSH5.3-0,5	43-01368
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## Back panel mounting with cable

### 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

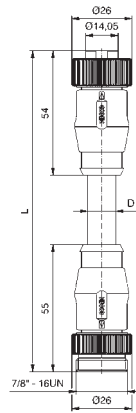
## 7/8" DEVICENET OVERMOULDED Connecting cable

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

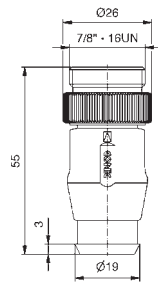


- Pin 1  (Schirm/shielding)
- Pin 2  (+)
- Pin 3  (-)
- Pin 4  (CAN H)
- Pin 5  (CAN L)

## 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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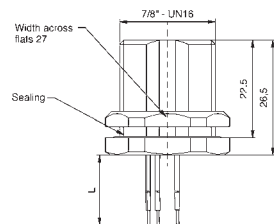
## 7/8" DEVICENET SOCKETS

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)

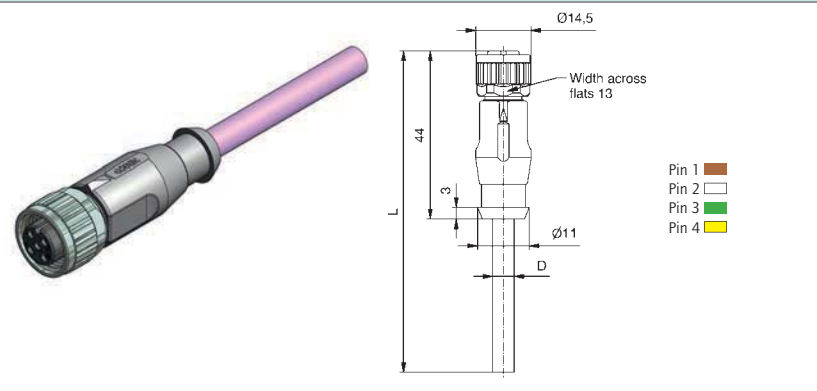
## M12x1 CAN-BUS OVERMOULDED

### Female connector axial

PVC violet

Contact assignment

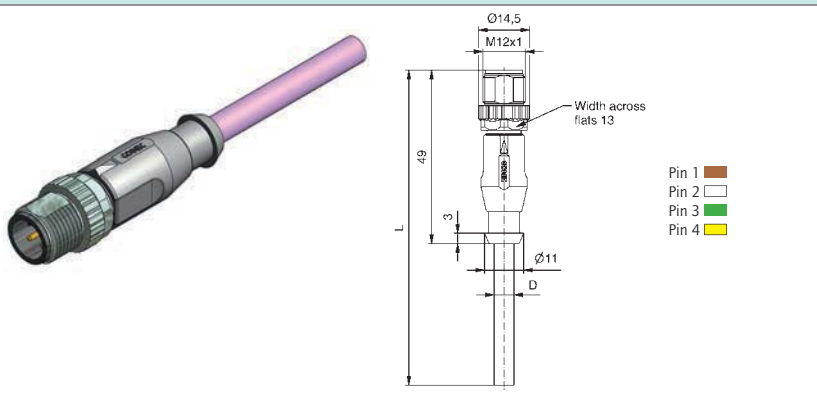
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	A	60	4	2	2 x 2 x 24	SAL-CN-12S-RK4.41-2/GU	43-14380
						SAL-CN-12S-RK4.41-3/GU	43-14381
						SAL-CN-12S-RK4.41-5/GU	43-14382
						SAL-CN-12S-RK4.41-10/GU	43-14383



### 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

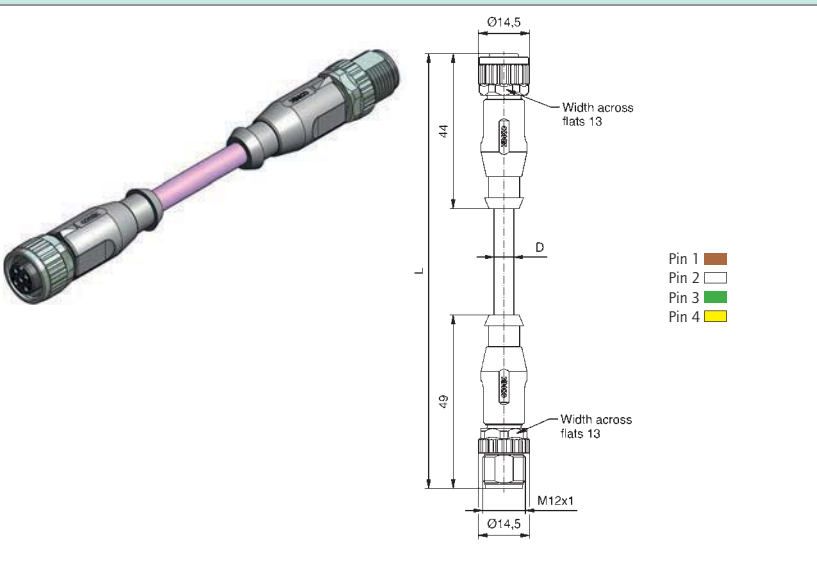
### Connecting cable

### 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
						SAL-CN-12S-RK4.41-RS4.41-0,6/GU	43-14389
						SAL-CN-12S-RK4.41-RS4.41-1,5/GU	43-14390
						SAL-CN-12S-RK4.41-RS4.41-3/GU	43-14391



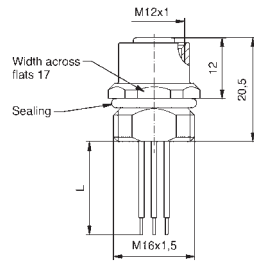
## M12x1 CAN-BUS OVERMOULDED SOCKETS

### Front panel mounting, Wire termination

#### Female connector, M16x1.5 thread

#### Contact assignment

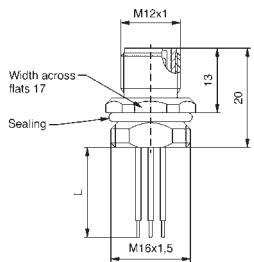
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
4	A	250	4	PVC	0,5	24	SAL-CN-12-FK4.41-0,5	43-01703



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

#### Male connector, M16x1.5 thread

4	A	250	4	PVC	0,5	24	SAL-CN-12-FS4.41-0,5	43-01704
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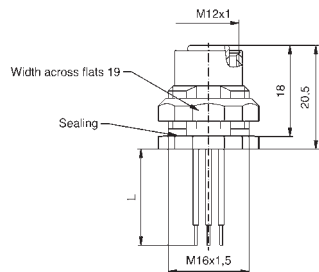


- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

### Back panel mounting, Wire termination

#### Female connector, M16x1.5 thread

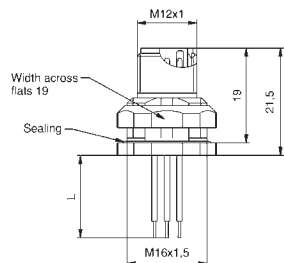
4	A	250	4	PVC	0,5	24	SAL-CN-12-FKH4.41-0,5	43-02347
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- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

#### Male connector, M16x1.5 thread

4	A	250	4	PVC	0,5	24	SAL-CN-12-FSH4.41-0,5	43-02348
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- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

SECTION 10  
**JUNCTION SYSTEMS**

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# 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

S A L - 1 2 - T S E 4 - T K E 4 - - R K E 4 - 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

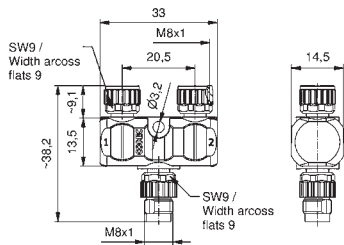
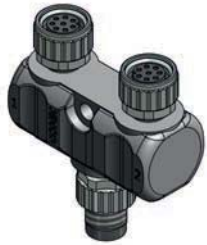
Recommended torque M8: 0.4 Nm at SW 9

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


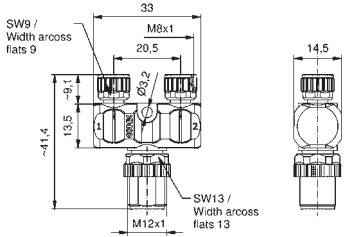
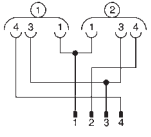
Number of poles side A	Number of poles side B	Number of poles side C	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [mm <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
5	5	5	A	60	4	0,34	0,6	SAL-12-YRS5-RK5-RK5-0,6/0,6/0,6/K1	43-05182
5	5	5	A	60	4	0,34	1,5	SAL-12-YRS5-RK5-RK5-1,5/1,5/1,5/K1	43-05183

TPU, UL, halogenfree, black, Li9Y11Y


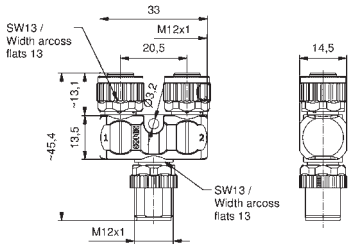
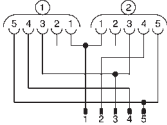
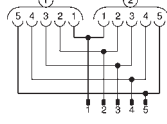
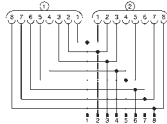
	5	5	5	A	60	4	0,34	0,3	SAL-12-YRS5-2YK5.2-0,3/K1	43-05189
	5	5	5	A	60	4	0,34	0,6	SAL-12-YRS5-2YK5.2-0,6/K1	43-05190
	5	5	5	A	60	4	0,34	0,3	SAL-12-YRS5-2YK5-0,3/K1	43-05191
	5	5	5	A	60	4	0,34	0,6	SAL-12-YRS5-2YK5-0,6/K1	43-05192
	8	8	8	A	30	2	0,25	0,3	SAL-12-YRS8-2YK8-0,3/K1	43-05193
	8	8	8	A	30	2	0,25	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				

## M8x1 JUNCTION BOXES DUO-splitter

Male connector M8x1 axial  
2 x Female connector M8x1 axial

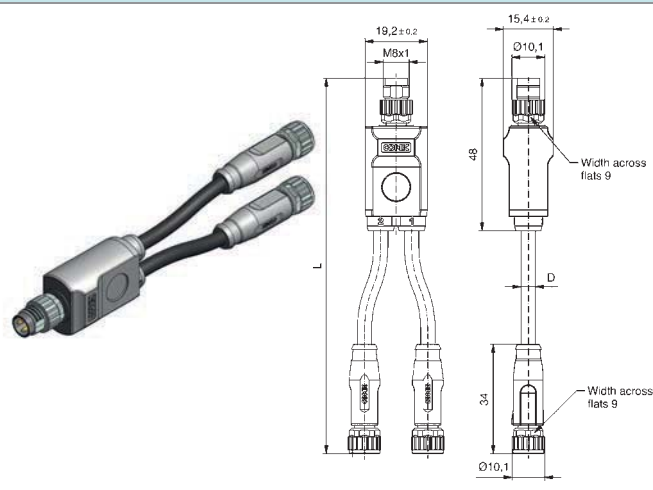
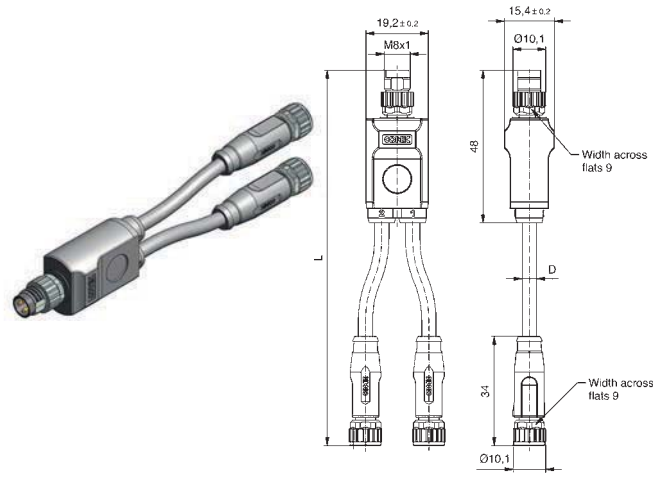
PVC, grey, LiYY

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 <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RK3-0,3/0,3/A1	42-11780
							0,6 SAL-8-DS3-2RK3-0,6/0,6/A1	42-11781
							1,5 SAL-8-DS3-2RK3-1,5/1,5/A1	42-11782
							3 SAL-8-DS3-2RK3-3/3/A1	42-11783
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RK4-0,3/0,3/A1	42-11788
							0,6 SAL-8-DS4-2RK4-0,6/0,6/A1	42-11789
							1,5 SAL-8-DS4-2RK4-1,5/1,5/A1	42-11790
							3 SAL-8-DS4-2RK4-3/3/A1	42-11791

TPU, UL, halogenfree, black, Li9Y11Y

3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RK3-0,3/0,3/K1	42-11776
							0,6 SAL-8-DS3-2RK3-0,6/0,6/K1	42-11777
							1,5 SAL-8-DS3-2RK3-1,5/1,5/K1	42-11778
							3 SAL-8-DS3-2RK3-3/3/K1	42-11779
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RK4-0,3/0,3/K1	42-11784
							0,6 SAL-8-DS4-2RK4-0,6/0,6/K1	42-11785
							1,5 SAL-8-DS4-2RK4-1,5/1,5/K1	42-11786
							3 SAL-8-DS4-2RK4-3/3/K1	42-11787



## M8x1 JUNCTION BOXES DUO-splitter

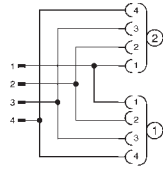
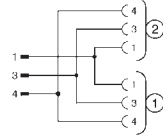
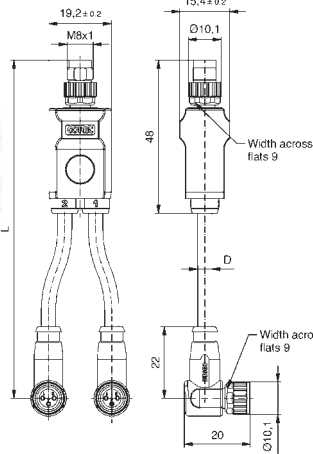
Male connector M8x1 axial  
2 x Female connector M8x1 angled

PVC, grey, LiYY

Contact assignment

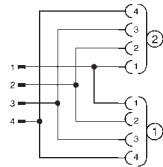
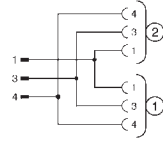
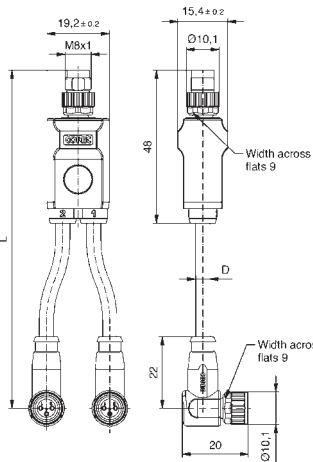
Number of poles side A  
Number of poles side B  
Number of poles side C  
Rated voltage [V]  
Current rating [A]  
Wire cross section [mm<sup>2</sup>]  
Cable length = L [m]

Description  
Part No.



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 <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-0,3/0,3/A1	42-11796
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-0,6/0,6/A1	42-11797
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-1,5/1,5/A1	42-11798
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-3/3/A1	42-11799
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-0,3/0,3/A1	42-11804
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-0,6/0,6/A1	42-11805
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-1,5/1,5/A1	42-11806
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-3/3/A1	42-11807

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 <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-0,3/0,3/K1	42-11792
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-0,6/0,6/K1	42-11793
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-1,5/1,5/K1	42-11794
3	3	3	50 V AC / 60 V DC	3	0,25		SAL-8-DS3-2RKW3-3/3/K1	42-11795
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-0,3/0,3/K1	42-11800
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-0,6/0,6/K1	42-11801
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-1,5/1,5/K1	42-11802
4	4	4	50 V AC / 60 V DC	3	0,25		SAL-8-DS4-2RKW4-3/3/K1	42-11803

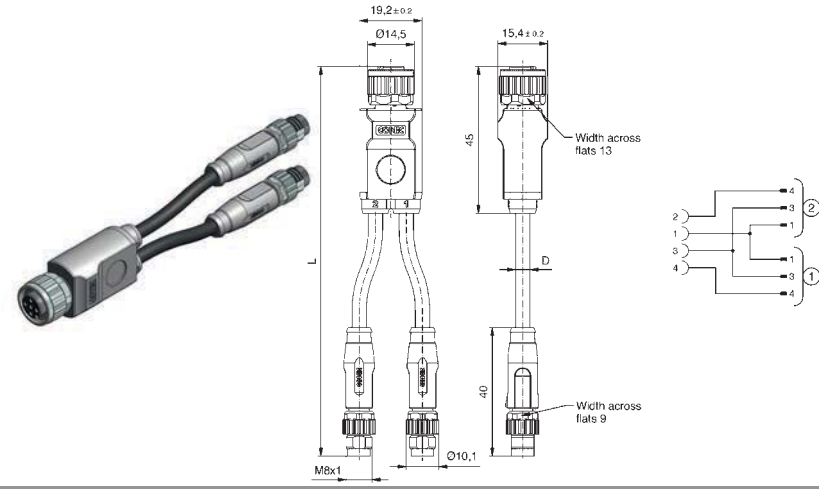
## M12x1 JUNCTION BOXES DUO-splitter

Female connector M12x1 axial  
2 x Male connector M8x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

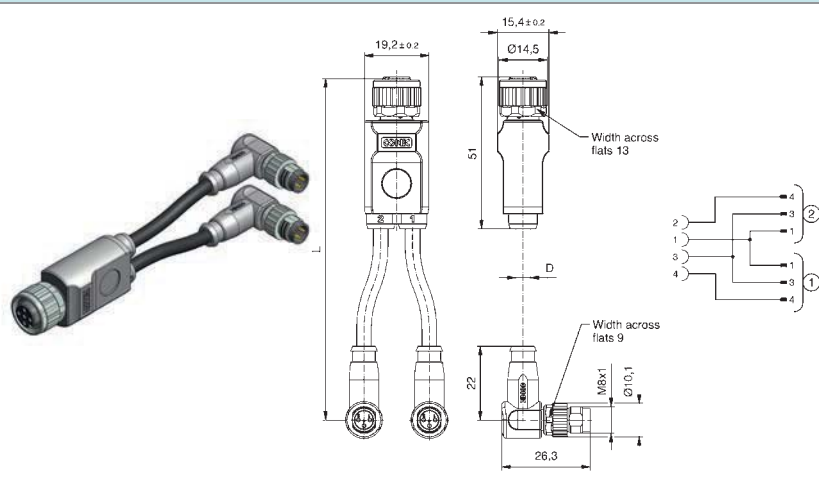
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DK4-8-2RS3-0,3/0,3/K1	43-16267
							0,6 SAL-12-DK4-8-2RS3-0,6/0,6/K1	43-16268
							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

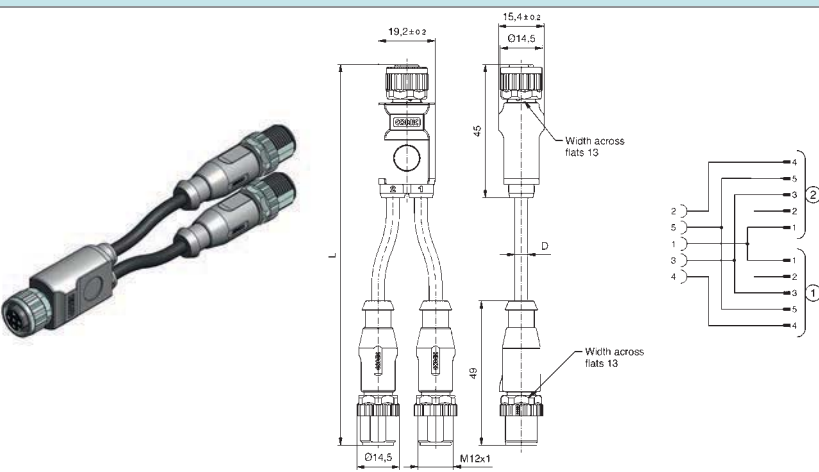
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DK4-8-2RSW3-0,3/0,3/K1	43-16276
							0,6 SAL-12-DK4-8-2RSW3-0,6/0,6/K1	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

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 <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
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



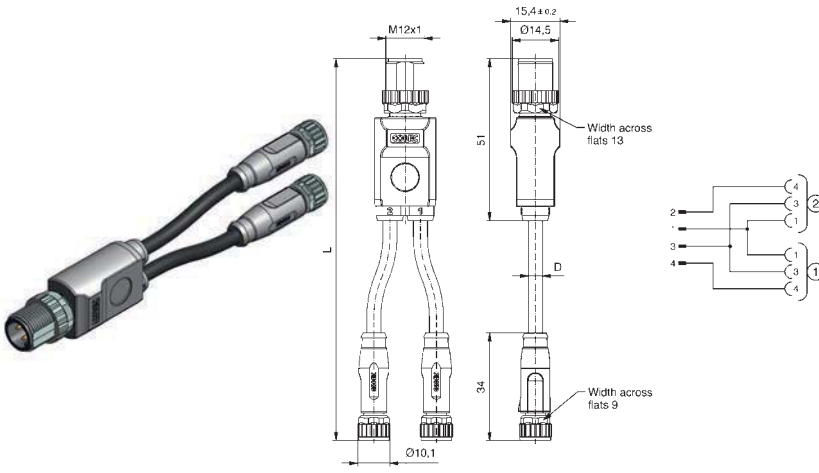
## M12x1 JUNCTION BOXES DUO-splitter

Male connector M12x1 axial  
2 x Female connector M8x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

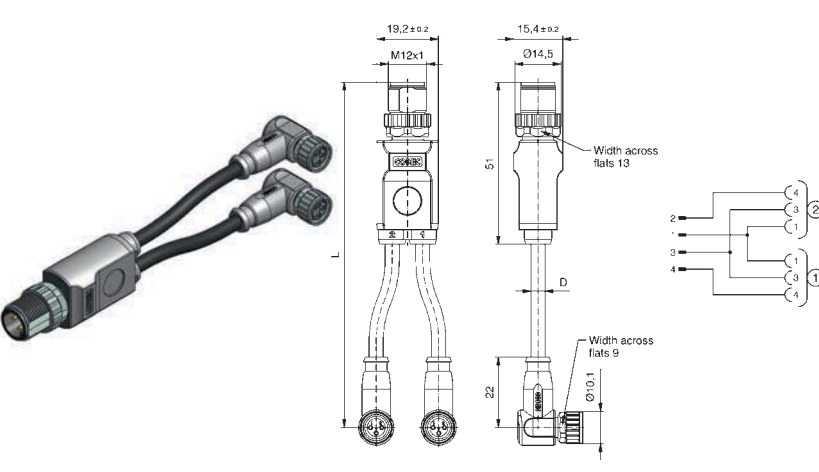
Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DS4-8-2RK3-0,3/0,3/K1	43-12463
							0,6 SAL-12-DS4-8-2RK3-0,6/0,6/K1	43-12464
							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

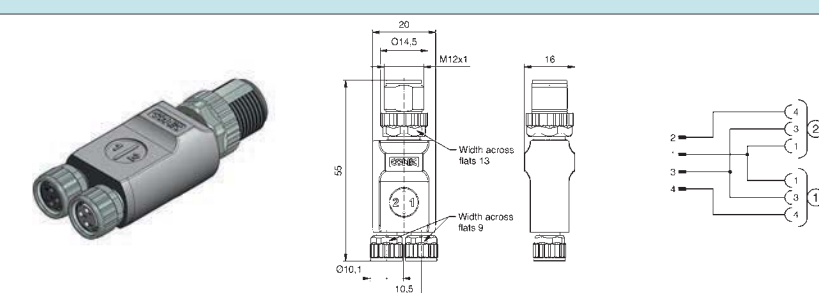
TPU, UL, halogenfree, black, Li9Y11Y

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 <sup>2</sup> ]	Cable length = L [m]
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Description		Part No.
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

Description		Part No.
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

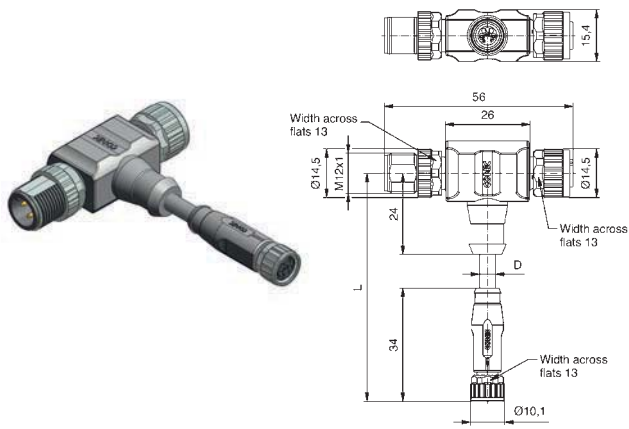
**M12x1 JUNCTION BOXES**  
T-splitter

Male connector/Female connector M12x1  
Female connector M8x1 axial

PVC, grey, LiYY

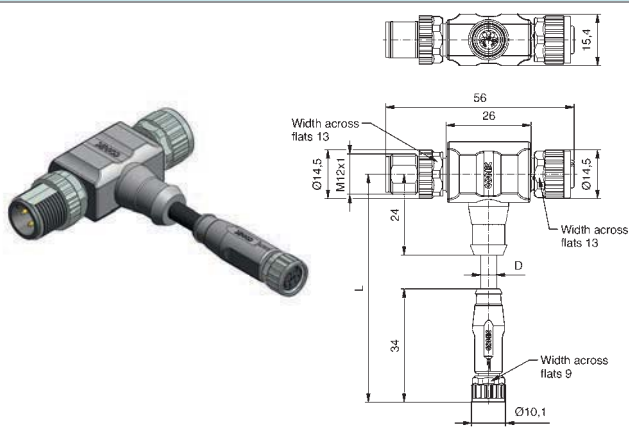
Contact assignment

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 <sup>2</sup> ]	Cable length = L [m]	Description	Part No.
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-TS4-TK4-8-RK4-0,3/A1	43-05122
							0,6 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		0,3 SAL-12-TS4-TK4-8-RK4-0,3/K1	43-05124
							0,6 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

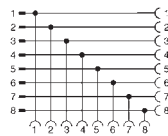
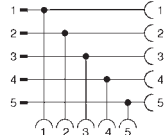
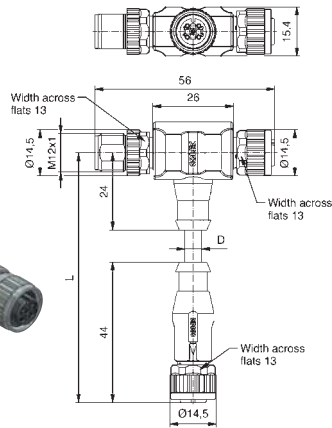
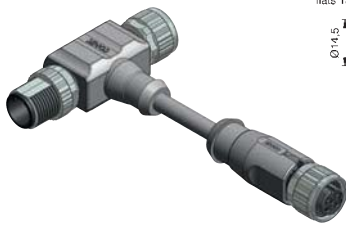
PVC, grey, LiYY

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 [mm<sup>2</sup>]  
Cable length = L [m]

Description

Part No.



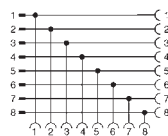
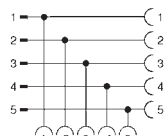
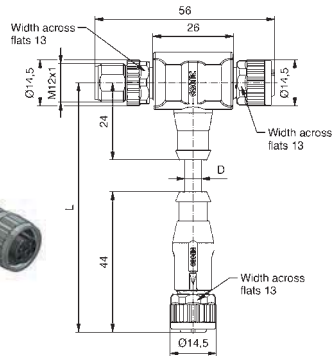
0,3 SAL-12-TS5.1-TK5.1-RK5.1-0,3/A1 43-05118

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

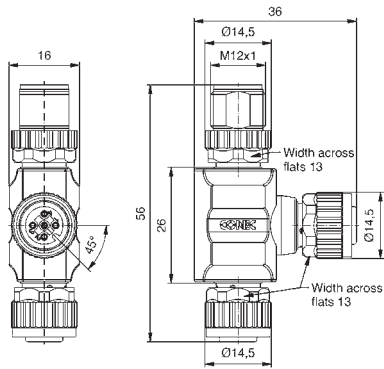
0,6 SAL-12-TS5.1-TK5.1-RK5.1-0,6/K1 43-05121

0,3 SAL-12-TS8-TK8-RK8-0,3/K1 43-05128

0,6 SAL-12-TS8-TK8-RK8-0,6/K1 43-05129

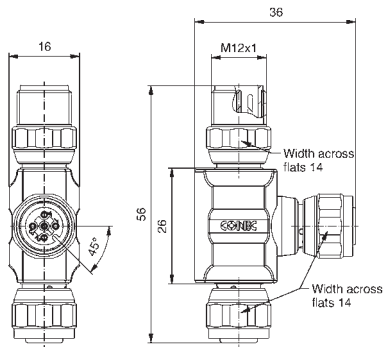
**M12x1 JUNCTION BOXES**  
T-splitter

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

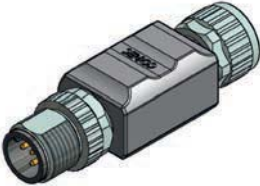
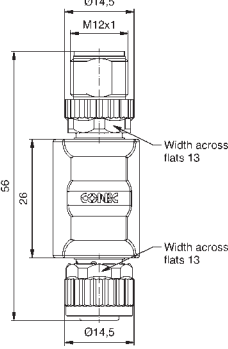

Male connector M12x1 – 2 x Female connector M12x1  
Coupling nut and screw stainless steel




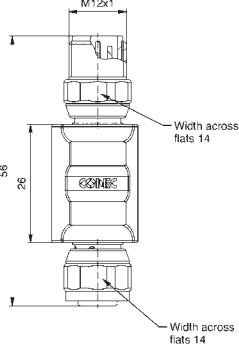

	4	4	4	250	4	SAL-12-TSE4-TKE4-TKE4	43-05155
	5	5	5	60	4	SAL-12-TSE5-TKE5-TKE5	43-05156
	5	5	5	60	4	SAL-12-TSE5.1-TKE5.1-TKE5.1	43-05154
	8	8	8	30	2	SAL-12-TSE8-TKE8-TKE8	43-05153

**M12x1 JUNCTION BOXES  
Adapter**

Male connector M12x1  
Female connector M12x1

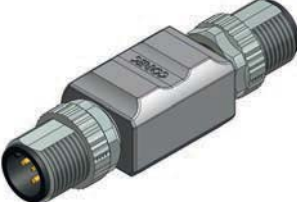
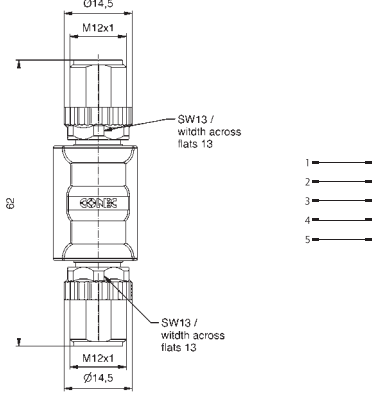
		Contact assignment	Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 			4	4	250	4	SAL-12-TS4-TK4	43-05130
			5	5	60	4	SAL-12-TS5-TK5	43-05131
			8	8	30	2	SAL-12-TS8-TK8	43-05113

Male connector M12x1 – Female connector M12x1  
Coupling nut and screw stainless steel


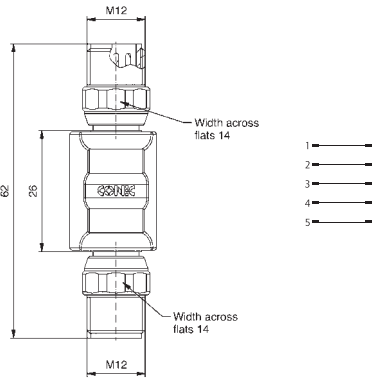
 			4	4	250	4	SAL-12-TSE4-TKE4	43-05150
			5	5	60	4	SAL-12-TSE5-TKE5	43-05151
			8	8	30	2	SAL-12-TSE8-TKE8	43-05149

**M12x1 JUNCTION BOXES**  
Adapter

Male connector M12x1  
Male connector M12x1

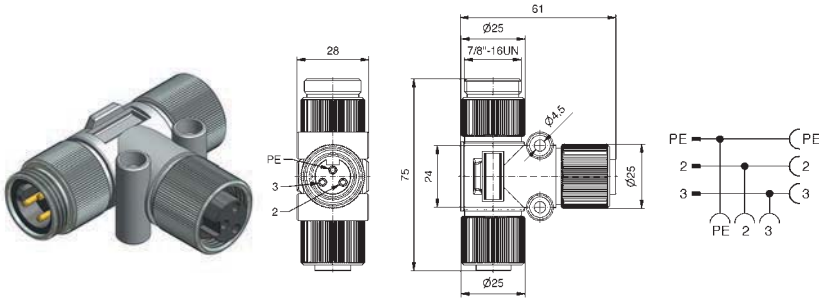
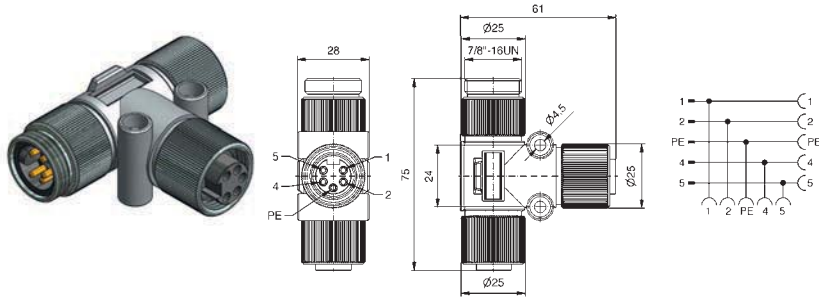
Contact assignment	Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 	5	5	60	4	SAL-12-TS5.1-TS5.1	43-05133

**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