

## Bus system flat-type plug - SACC-DSI-FSD-4CON-L180/SCO SH - 1553006

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Bus system flush-type socket, ETHERNET and PROFINET, 4-pos., M12 SPEEDCON, shielded, D-coded, rear/screw mounting with Pg9 thread, with straight solder connection



Ethernet



### Key commercial data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 162180
Weight per Piece (excluding packing)	13.5 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Mechanical characteristics

Standards/specifications	M12 connector IEC 61076-2-101
Number of positions	4
Shielded	Yes
Insertion/withdrawal cycles	> 100
Connection method	Solder pins

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP65/IP67

#### Material data

Inflammability class according to UL 94	V0
Contact carrier material	PA 66
Contact material	CuZn

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## Technical data

### Material data

Contact surface material	Ni/Au
Cable gland material	Zinc die-cast, nickel-plated
Sealing material	FKM

### Electrical characteristics

Number of positions	4
Nominal voltage $U_N$	250 V
Nominal current $I_N$	4 A
Surge voltage category	II
Pollution degree	3

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC000830
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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#### Approvals

UL Recognized / EAC / cULus Recognized


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### Approvals

Ex Approvals

Approvals submitted

### Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

EAC
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cULus Recognized	
mm²/AWG/kcmil	20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

### Accessories

Accessories

Protective cap

Screw plug - PROT-M12 - 1680539



An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

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### Accessories

Screw plug - PROT-M12 SH - 1503302



An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

Screw plug - PROT-M12 FB - 1555538



M12 high-grade steel screw plug, for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors for the food industry

### Seal

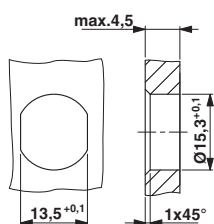
Flat gasket - SACC-PG9-SEAL CLM - 1556320



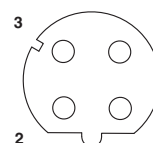
Pg9 flat gasket for the rear mounting of M12 flush-type connectors with Pg9 fastening threads

### Drawings

Dimensioned drawing



Schematic diagram

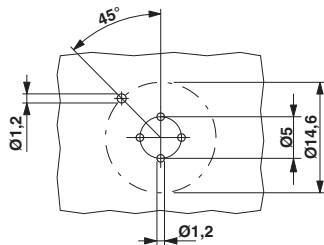


Pin assignment M12 socket, 4-pos., D-coded, female side

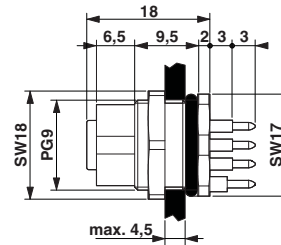
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

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Drilling diagram

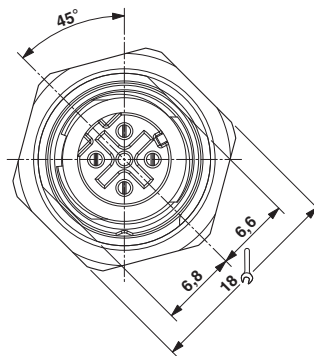


Dimensioned drawing



M12 flush-type connector

Dimensioned drawing



M12 front view