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## Flush-type connector - SACC-DSI-FS-4CON-L180/12 SCOSH - 1558522


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Sensor/actuator flush-type socket, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with Pg9 thread, with straight solder connection, design with 12 mm long solder pins



### Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 294751

### Technical data

#### Dimensions

Length of the solder pin	12 mm
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#### Ambient conditions

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

#### General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No

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## Technical data

### General

Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Rear mounting Pg9 With flat nut

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

## 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	EC002061
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

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## Approvals

### Approvals


#### Approvals

UL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

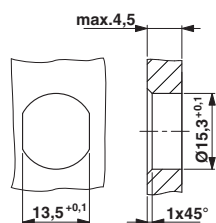
UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

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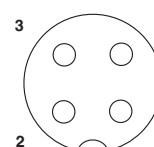
cULus Recognized	
mm²/AWG/kcmil	20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

## Drawings

Dimensional drawing



Schematic diagram

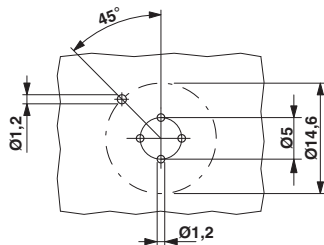


Pin assignment M12 socket, 4-pos., A-coded, view female side

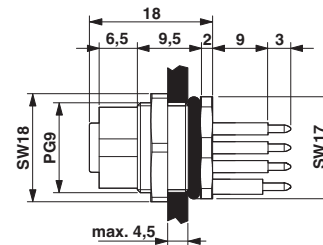
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

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Drilling diagram



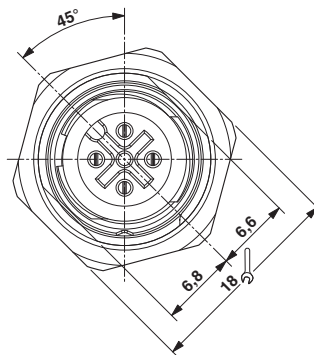
Dimensional drawing



Drilling diagram

M12 SPEEDCON flush-type socket

Dimensional drawing



M12 front view

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Product	Code	Reference	Product link
Sensor/actuator flush-type socket, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with Pg9 thread, with straight solder connection, design with 12 mm long solder pins	1558522	SACC-DSI-FS-4CON-L180/12 SCOSH	<a href="#">Buy on EAN</a>