

## Flush-type connector - SACC-DSI-MS-5CON-L180/12 SCOSH - 1558551

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Sensor/actuator flush-type plug, 5-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	1 1
Minimum order quantity	20 1
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length of the solder pin	12 mm
--------------------------	-------

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II

# Flush-type connector - SACC-DSI-MS-5CON-L180/12 SCOSH - 1558551

## Technical data

### General

Pollution degree	3
Connection method	Solder pins
Mounting type	Rear mounting Pg9 With flat nut

### Material

Inflammability class 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	NBR

## 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	27449001

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

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

## Approvals

### Approvals

# Flush-type connector - SACC-DSI-MS-5CON-L180/12 SCOSH - 1558551

## Approvals

Approvals

UL Recognized / GOST / GOST

Ex Approvals

Approvals submitted

## Approval details

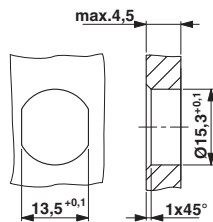
UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

GOST	
------	--

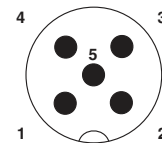
GOST	
------	--

## Drawings

Dimensioned drawing



Schematic diagram

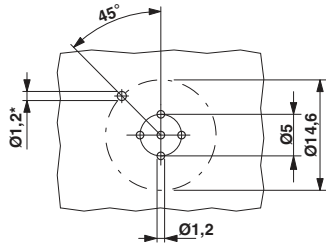


Pin assignment M12 male connector, 5-pos., A-coded, male side

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

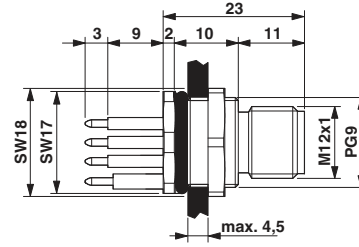
# Flush-type connector - SACC-DSI-MS-5CON-L180/12 SCOSH - 1558551

Drilling diagram



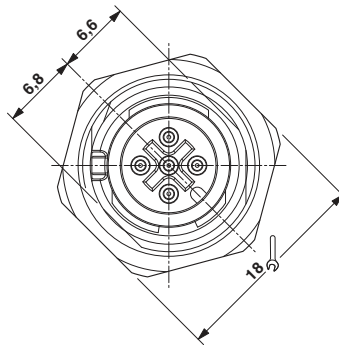
Drilling diagram

Dimensioned drawing



M12 SPEEDCON flush-type plug

Dimensioned drawing



M12 front view