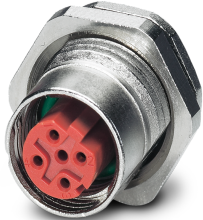


## Device connector, rear mounting - SACC-DSI-FSD-4CON-L180/SH RD - 1457966

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Sensor/actuator flush-type plug, 4-pos., M12 SPEEDCON, D-coded, with red contact carrier, rear/screw mounting with M16 thread, with straight solder connection

### Your advantages

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing by means of shield contact



### Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 632720
GTIN	4046356632720

### Technical data

#### Dimensions

Length of the solder pin	6 mm
--------------------------	------

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	-40 °C ... 70 °C (Plug / socket)
Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)

#### General

Rated current at 40°C	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4

# Device connector, rear mounting - SACC-DSI-FSD-4CON-L180/SH RD - 1457966

## Technical data

### General

Insulation resistance	≥ 100 MΩ
Coding	D - data
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Tightening torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Rear mounting Pg9 With flat nut
Thread type	Pg9

### Material

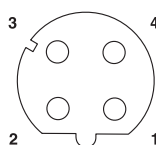
Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

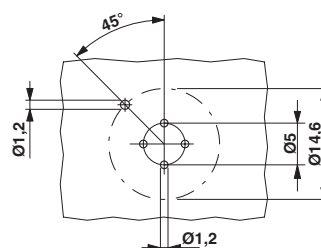
## Drawings

Schematic diagram



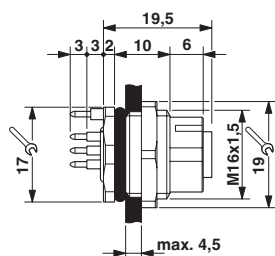
Pin assignment M12 socket, 4-pos., D-coded,  
female side

Drilling diagram



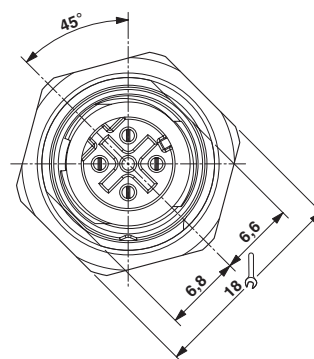
## Device connector, rear mounting - SACC-DSI-FSD-4CON-L180/SH RD - 1457966

Dimensional drawing



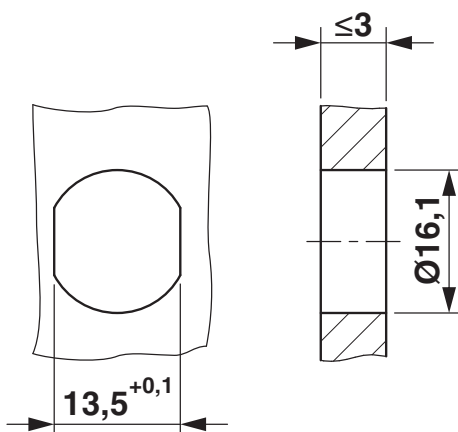
M12 flush-type connector

Dimensional drawing



M12 front view

Dimensional drawing



Housing cutout for M16 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)

### Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 9.0	27440102

## Device connector, rear mounting - SACC-DSI-FSD-4CON-L180/SH RD - 1457966

### Classifications

#### ETIM

ETIM 4.0	EC002061
ETIM 6.0	EC002061
ETIM 7.0	EC002635

#### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121400

### Approvals


#### Approvals

#### Approvals

UL Recognized / EAC / cULus Recognized

#### Ex Approvals


#### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN	250 V		
Nominal current IN	4 A		
mm²/AWG/kcmil	22		

EAC		B.01687
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## Device connector, rear mounting - SACC-DSI-FSD-4CON-L180/SH RD - 1457966

### Approvals

cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20140616	
Nominal voltage UN	250 V
Nominal current IN	4 A
mm²/AWG/kcmil	22-20

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