

Flush-type connector - SACC-DSI-MSD-4CON-L180/SH RD - 1457979

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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

Why buy this product

- 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 STK
GTIN	 4 046356 632737
Weight per Piece (excluding packing)	14.135 g
Weight per piece (including packing)	14.135 g
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of the solder pin	6 mm
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
Degree of protection	IP67

General

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

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Technical data

General

Coding	D - data
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
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	NBR

Cable

AWG signal line	22
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Standards and Regulations

Flammability rating according to UL 94	V0
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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
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 13.2	31261501
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Approvals

Approvals

Approvals

UL Recognized / EAC / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

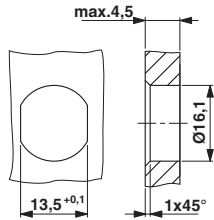
cULus Recognized	
mm²/AWG/kcmil	20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

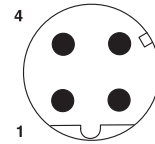
Drawings

Flush-type connector - SACC-DSI-MSD-4CON-L180/SH RD - 1457979

Dimensional drawing



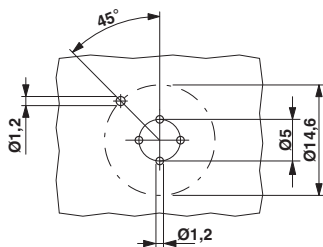
Schematic diagram



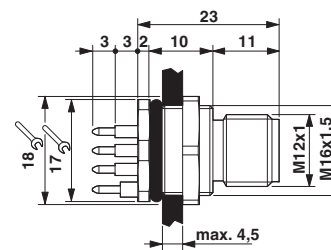
Pin assignment M12 male connector, 4-pos., D-coded, male side

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)

Drilling diagram

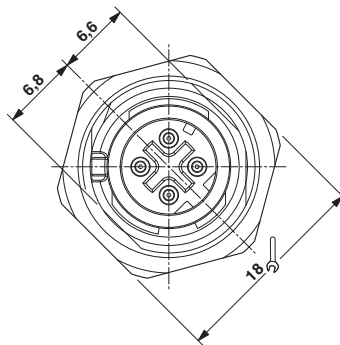


Dimensional drawing



M12 flush-type connector

Dimensional drawing



M12 front view