

Flush-type connector - SACC-DSI-MS-4CON-L180/SH RD - 1457856

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Bus system flush-type plug, with red contact carrier, 4-pos., M12 SPEEDCON, shielded, A-coded, 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	
GTIN	4046356617093

Technical data

Dimensions

Length of the solder pin	6 mm
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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	250 V
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
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 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

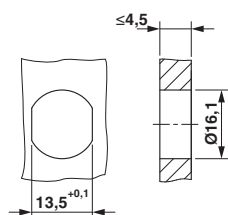
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

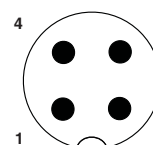
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram

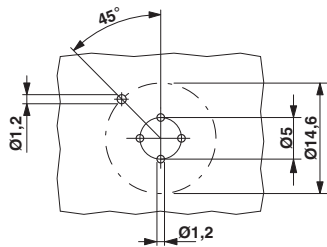


Pin assignment of M12 male connector, 4-pos., A-coded, view of connector side

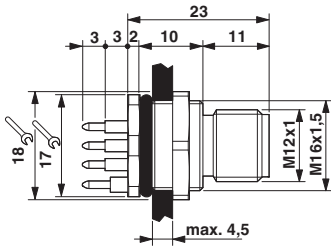
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

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Drilling diagram

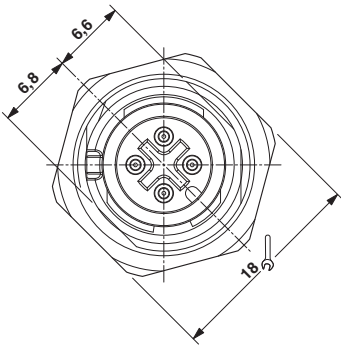


Dimensional drawing



M12 flush-type connector

Dimensional drawing



M12 front view

Approvals

Approvals

Approvals

UL Recognized / cULus Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm²/AWG/kcmil	22		
Nominal current I _N	4 A		
Nominal voltage U _N	250 V		

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Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20140616	
mm²/AWG/kcmil	22-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC  B.01742

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