PHŒNIX CONTACT

Flush-type connector - SACC-DSI-MS-5CON-L180/SH BU - 1457953

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Sensor/actuator flush-type plug, 5-pos., M12 SPEEDCON, A-coded, with blue contact carrier. Rear/screw assembly 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

RoHS   SPEEDCON LOCKING

Key Commercial Data

Packing unit	20 STK
GTIN	
GTIN	4046356632713

Technical data

Dimensions

Length of the solder pin	6 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
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 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Standards/specifications	M12 connector IEC 61076-2-101

Standards and Regulations

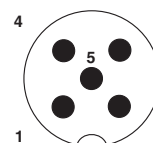| Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

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

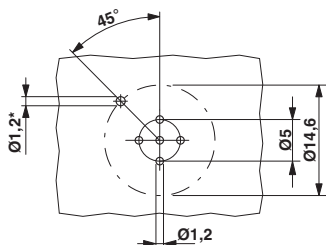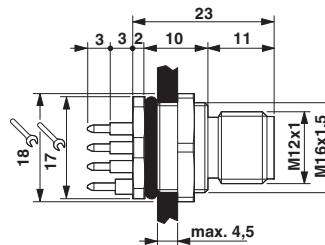Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)
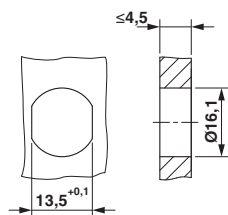
Schematic diagram

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

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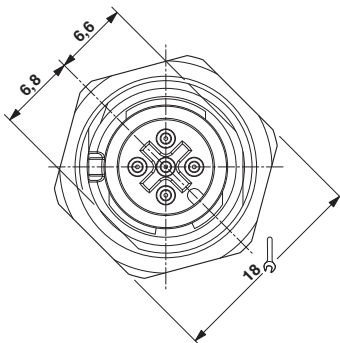
Drilling diagram

Dimensional drawing

M12 flush-type connector

Dimensional drawing

M12 front view

Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20140616
mm²/AWG/kcmil	22-20	
Nominal current IN	4 A	
Nominal voltage UN	60 V	

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Approvals

EAC	EAC	B.01742