

## Flush-type connector - SACC-DSI-M8FS-3CON-M10-L180 SH - 1456116

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://phoenixcontact.com/download>)




Sensor/actuator flush-type connector, socket, 3-pos. M8, rear/screw mounting with M10 fastening thread, with straight solder connection

### Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing and latching on the PCB

RoHS

### Key Commercial Data

Packing unit	20 STK
GTIN	
GTIN	4046356605878

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	50 V AC
	60 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3

# Flush-type connector - SACC-DSI-M8FS-3CON-M10-L180 SH - 1456116

## Technical data

### General

Connection method	Solder pins
Mounting type	Rear mounting M10 With flat nut

### Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM

### Cable

Standards/specifications	M8 connector IEC 61076-2-104
--------------------------	------------------------------

### Standards and Regulations

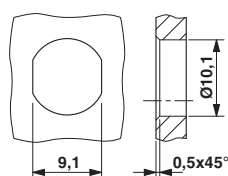
Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	HB

### Environmental Product Compliance

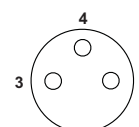
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



Schematic diagram

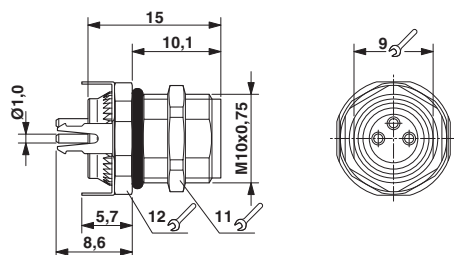


Pin assignment M8 socket, 3-pos., view female side

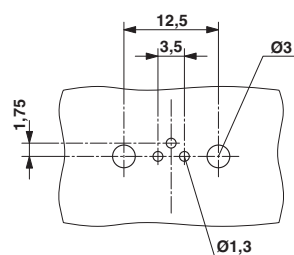
Mounting panel with feed-through hole

## Flush-type connector - SACC-DSI-M8FS-3CON-M10-L180 SH - 1456116

Dimensional drawing



Drilling diagram



M8 flush-type socket

Drilling diagram

### Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC

**EAC**

B.01742

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>