

# Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

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 socket, 6-pos., M8, rear/screw mounting with M12 thread, with 0.5 m TPE litz wire, 6 x 0.14 mm<sup>2</sup>

## Why buy this product

- Pre-assembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- Standard pin assignments and codings for signal transmission with a uniform design-in design



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 554398
GTIN	4046356554398
Weight per Piece (excluding packing)	20.700 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

## Technical data

### Dimensions

Length of cable	0.5 m
-----------------	-------

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Socket)
Degree of protection	IP67

### General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC

# Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

## Technical data

### General

	30 V DC
Rated surge voltage	0.8 kV
Number of positions	6
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
Connection method	Individual wires
Mounting type	Rear mounting M12 x 1

### Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA66
Material, knurls	Nickel-plated brass
Sealing material	Viton

### Cable

Cable type	TPE litz wire
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Wire colors	Black, brown, blue, white, gray, pink
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M8 connector IEC 61076-2-104
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

### 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
------------	--

# Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

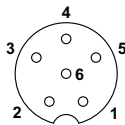
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
--	---

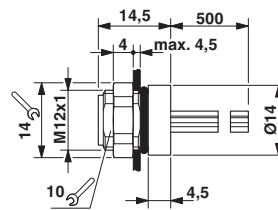
## Drawings

Schematic diagram



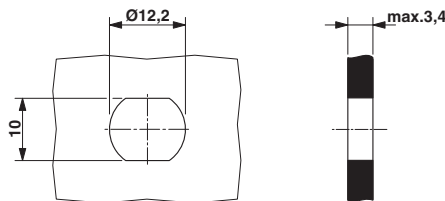
Pin assignment M8 socket, 6-pos.

Dimensional drawing



M8 flush-type socket

Dimensional drawing



Housing cutout for M8 flush-type connector, socket, one-section

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

# Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

## Classifications

### ETIM

ETIM 6.0	EC002061
----------	----------

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

## Approvals

### Approvals

---

### Approvals

EAC

---

### Ex Approvals

---

## Approval details

EAC		B.00767
-----	---	---------

---