PHŒNIX CONTACT

Flush-type connector - SACC-DSI-M8FS-4CON-M10/0,5 - 1456093

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, 4-pos., M8, rear/screw mounting with M10 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm²

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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 605892
GTIN	4046356605892
Weight per Piece (excluding packing)	12.850 g
Custom tariff number	85366990
Country of origin	Germany

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	4 A
Rated voltage	50 V AC
	60 V DC

Flush-type connector - SACC-DSI-M8FS-4CON-M10/0,5 - 1456093

Technical data

General

Rated surge voltage	1.5 kV
Number of positions	4
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 M10

Material

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

Cable

Cable type	TPE litz wire
Conductor cross section	0.25 mm²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.3 mm ±0.1 mm
Wire colors	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M8 connector IEC 61076-2-104
Nominal voltage, cable	450 V
Test voltage, cable	2500 V (Test duration: 1 minute)
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

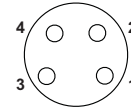|	
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

PHŒNIX CONTACT

Flush-type connector - SACC-DSI-M8FS-4CON-M10/0,5 - 1456093

Drawings
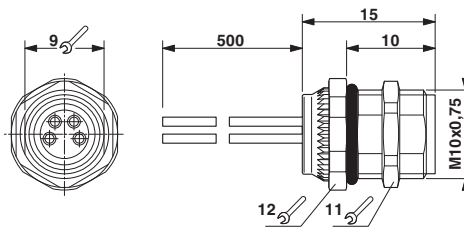
Dimensional drawing

Ø10,1

9,1   0,5x45°
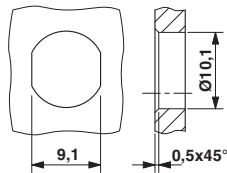
Schematic diagram

4   2
3   1

Pin assignment M8 socket, 4-pos., view female side

Mounting panel with feed-through hole

Dimensional drawing

9   500   15   10   M10x0,75

12   11

M8 flush-type socket

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
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
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501

PHŒNIX CONTACT

Flush-type connector - SACC-DSI-M8FS-4CON-M10/0,5 - 1456093

Classifications

UNSPSC

UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01742