

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

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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

Product Features

- 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 pc
Weight per Piece (excluding packing)	13.2 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of cable	0.5 m
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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
Rated surge voltage	1.5 kV
Number of positions	4

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Technical data

General

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
AWG signal line	24
Wire colors	brown, white, blue, black
Conductor material	Tin-plated Cu litz wires
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

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

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Classifications

eCl@ss

eCl@ss 9.0	27440102
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ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

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

Approvals

Approvals

Approvals

EAC / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

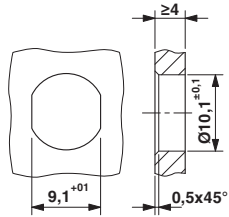
EAC

EAC

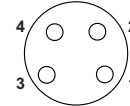
Drawings

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

Dimensional drawing



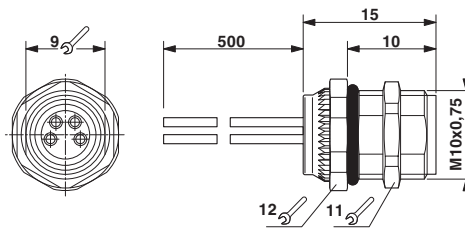
Schematic diagram



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

Mounting panel with feed-through hole

Dimensional drawing



M8 flush-type socket