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Flush-type connector - SACC-E-M 8FS-6CON-M 8/0,5 - 1542677

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Sensor/actuator flush-type socket, 6-pos., M8, front/screw mounting with M8 fastening thread, with 0.5 m TPE litz wire, 6 x 0.14 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)	14.2 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	0.5 m

Ambient conditions

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

General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC
	30 V DC
Number of positions	6
Insulation resistance	≥ 100 MΩ

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Technical data

General

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	Front mounting M8 x 0.5

Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Nickel-plated brass
Sealing material	Viton

Cable

Cable type	TPE litz wire
Conductor cross section	0.14 mm²
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
Insulation resistance	$\geq$ 20 MΩ*km
Conductor resistance	$\geq$ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 85 °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	27250313

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Classifications

eCl@ss

eCl@ss 4.1	27250313
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 3.0	EC002061
ETIM 4.0	EC002062
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

Ex Approvals

Approvals submitted

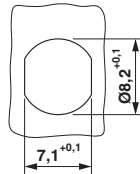### Approval details

EAC

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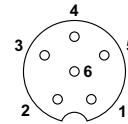
Approvals

EAC

Drawings
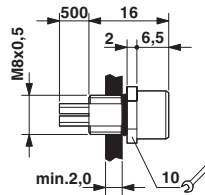
Dimensional drawing

Schematic diagram

Pin assignment M8 socket, 6-pos.

Dimensional drawing

M8 flush-type socket