

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

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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>



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85444290
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	2 A
Rated voltage	30 V
Number of positions	6
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Surge voltage category	II
Pollution degree	3

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### Technical data

#### General

Connection method	Individual wires
Mounting type	Rear mounting M12 x 1

#### Material

Inflammability class 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
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)

### 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

#### ETIM

ETIM 3.0	EC002061
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## Classifications

### 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

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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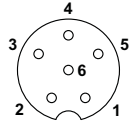
### Approval details

GOST 
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## Drawings

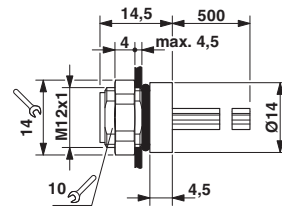
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Schematic diagram



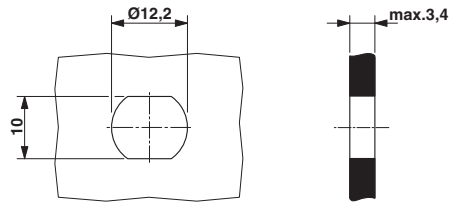
Pin assignment M8 socket, 6-pos.

Dimensioned drawing



M8 flush-type socket

Dimensioned drawing



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