

Flush-type connector - SACC-DSI-M 8MS-6CON-M 8/0,5 - 1453494

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Sensor/actuator flush-type plug, 6-pos., M8, rear/screw mounting, with M8 thread, with 0.5 m TPE litz wire, 6 x 0.14 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

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 554428
GTIN	4046356554428
Weight per Piece (excluding packing)	12.900 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

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

General

Rated current at 40°C	2 A
Rated voltage	30 V AC

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Technical data

General

	30 V DC
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 M8 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 ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 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
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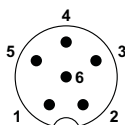
Technical data

Environmental Product Compliance

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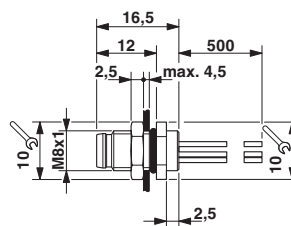
Drawings

Schematic diagram



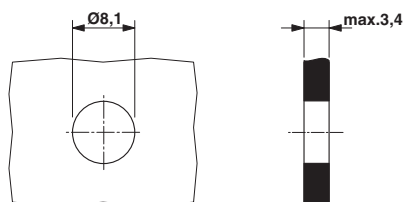
Pin assignment M8 plug, 6-pos., view male side

Dimensional drawing



M8 flush-type plug

Dimensional drawing



Housing cutout for M8 flush-type connector, connector, 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

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Classifications

ETIM

ETIM 6.0	EC002061
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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
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