

Flush-type connector - SACC-DSI-M 8FS-4CON-M12/0,5 - 1453452

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Sensor/actuator flush-type socket, 4-pos., M8, rear/screw mounting with M12 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm²



Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 39 (PC-2011)
GTIN	 4 046356 554404
Custom tariff number	85444290
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (female)

General characteristics

Standards/regulations	M8 plug-in connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA66
Material, knurls	Nickel-plated brass

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General characteristics

Sealing material	Viton
Mounting type	Rear mounting M12 x 1
Connection method	Individual wires
Status display	No

Conductor data

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	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Classifications

eclass

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

etim

ETIM 3.0	EC002061
ETIM 4.0	EC002061

unspsc

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

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Approvals

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GOST

Ex Approvals

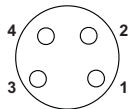
Approvals submitted

Approval details

GOST 

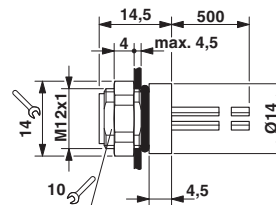
Drawings

Schematic diagram



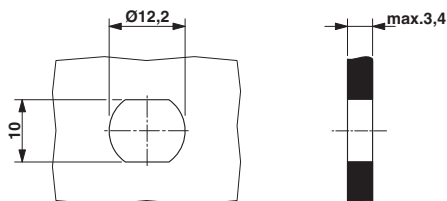
Pin assignment M8 socket, 4-pos., view female side

Dimensioned drawing



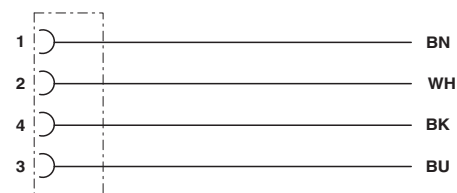
M8 flush-type socket

Dimensioned drawing



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

Circuit diagram



Contact assignment of M8 plugs/sockets