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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



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

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

Technical data

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

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

Approvals

Approvals

Approvals

GOST

Ex Approvals

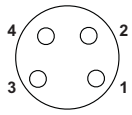
Approvals submitted

Approval details

GOST

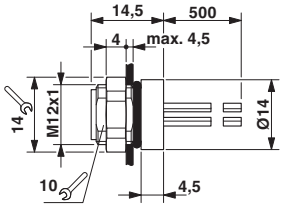
Drawings

Schematic diagram



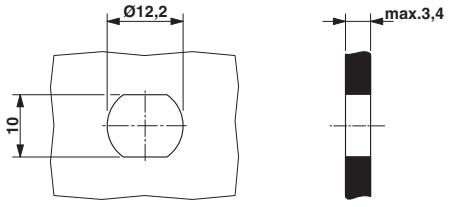
Pin assignment M8 socket, 4-pos., view female side

Dimensioned drawing



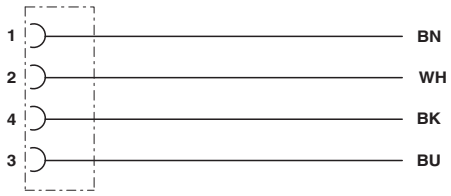
M8 flush-type socket

Dimensioned drawing



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

Circuit diagram



Contact assignment of M8 plugs/sockets

© Phoenix Contact 2012 - all rights reserved
http://www.phoenixcontact.com