THE DATASHEET OF

1411606

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Flush-type connector - SACC-DSI-M12FSD-4CON-M16/0,5 - 1419616

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Bus system flush-type plug, PROFINET, 4-pos., M12 SPEEDCON, D-coded, rear/screw mounting with M16 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm²

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

Ambient conditions

Degree of protection	IP67

General

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101

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Technical data

General

Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires
Mounting type	Rear mounting M16 x 1.5 With flat nut

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Cable type	TPE litz wire
Conductor cross section	0.34 mm²
AWG signal line	22
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Yellow, orange, white, blue
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

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Classifications

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
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	39121413

Approvals

Approvals

Approvals

UL Recognized / GOST / GOST

Ex Approvals

Approvals submitted

Approval details

UL Recognized

mm²/AWG/kcmil	26-20
Nominal current IN	4 A
Nominal voltage UN	250 V

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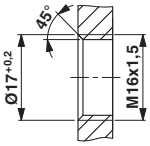
Approvals

GOST

GOST

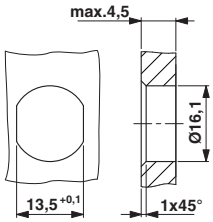
Drawings

Dimensioned drawing



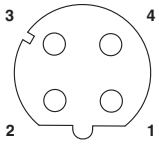
Housing cutout for M16 fastening thread, mounting panel with thread

Dimensioned drawing



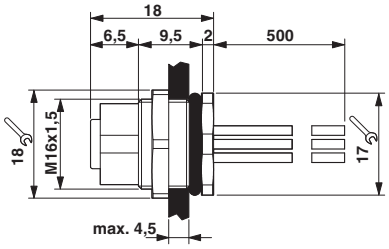
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram

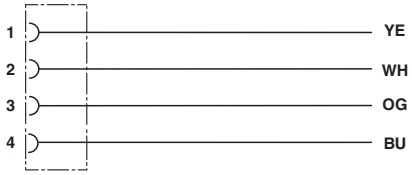


Pin assignment M12 socket, 4-pos., D-coded, female side

Dimensioned drawing



Circuit diagram



Contact assignment of the M12 socket

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