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Bus system flat-type plug - SACC-E-FSD-4CON-M16/0,5 SCO - 1535202

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

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 026956

Technical data

Dimensions

Length of cable	0.5 m

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
	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
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ

PHŒNIX CONTACT

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Technical data

General

Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Front mounting M16 x 1.5

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

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	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC000830
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC / cULus Recognized / UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

cULus Recognized	
mm²/AWG/kcmil	20
Nominal current IN	4 A
Nominal voltage UN	250 V

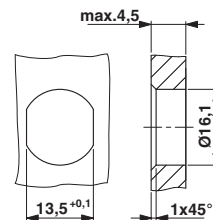| UL Recognized	
mm²/AWG/kcmil	26-20
Nominal current IN	4 A
Nominal voltage UN	250 V

EAC

Drawings

Bus system flat-type plug - SACC-E-FSD-4CON-M16/0,5 SCO - 1535202
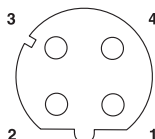
Dimensional drawing
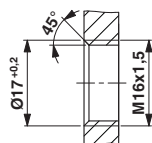
Housing cutout for M16 fastening thread, mounting panel with thread
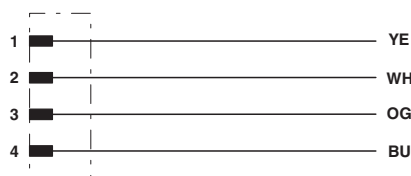
Dimensional drawing

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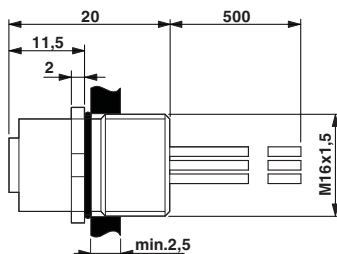
Schematic diagram

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

Circuit diagram

1	YE
2	WH
3	OG
4	BU

Contact assignment of the M12 socket

Dimensional drawing

M12 flush-type connector

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To access the product, click on the green button.

Product	Code	Reference	Product link
Bus system flush-type socket, PROFINET, 4-pos., M12-SPEEDCON, D-coded, front/screw mounting with M16 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm²	1535202	SACC-E-FSD-4CON-M16/0,5 SCO	Buy on EAN