

Bus system flat-type plug - SACC-E-M12FSD-4CON-M16/0,5 - 1521274


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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 984144
GTIN	4017918984144

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	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D - data
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Front mounting M16 x 1.5

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Technical data

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

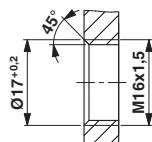
Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Yellow, orange, white, blue
Material conductor insulation	TPE
Conductor material	Tin-plated 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
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Standards and Regulations

Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

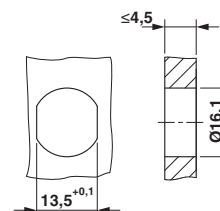
Drawings

Dimensional drawing



Housing cutout for M16 fastening thread, mounting panel with thread

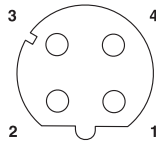
Dimensional drawing



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

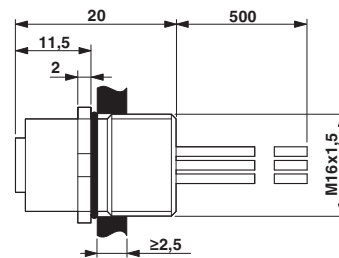
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Schematic diagram



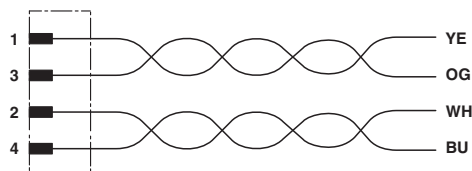
Pin assignment M12 socket, 4-pos., D-coded, female side

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 socket

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