

## 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 mm<sup>2</sup>

**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

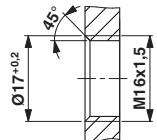
Cable type	TPE litz wire
Conductor cross section	0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Yellow, orange, white, blue
Material conductor insulation	TPE
Conductor material	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

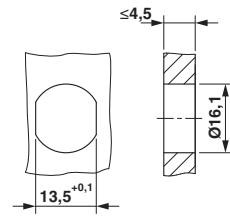
## Drawings

Dimensional drawing



Housing cutout for M16 fastening thread, mounting panel with thread

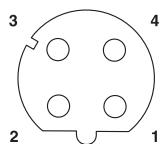
Dimensional drawing



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

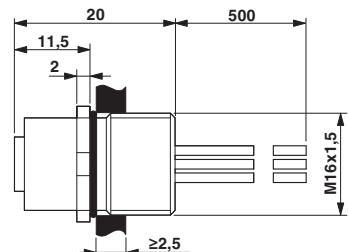
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Schematic diagram



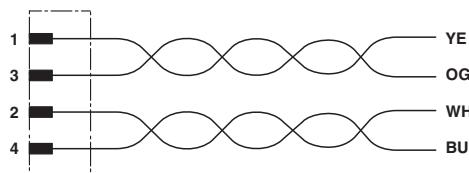
Pin assignment M12 socket, 4-pos., D-coded,  
female side

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 socket

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