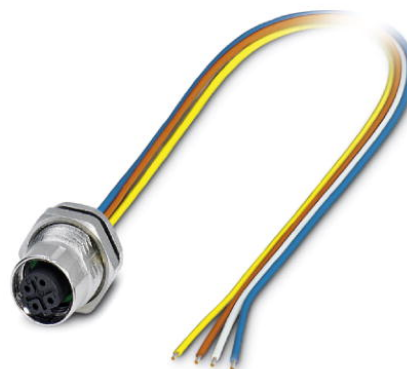


SACC-DSI-FSD-4CON-PG9/0,5 SCO

Order No.: 1551529



Bus system flush-type socket, PROFINET, 4-pos., M12 SPEEDCON, D-coded, front/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm²



Commercial data

EAN	 4 046356 153614
Pack	1
Customs tariff	85444290
Catalog page information	Page 27 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2007-04-13



Technical data

General data

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

Volume resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	D - data
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting type	Rear mounting Pg9 With flat nut
Type of connection	Individual wires
Status display	No

Conductor data

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 $\pm$ 0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Yellow, orange, white, blue
Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$
Conductor resistance	$\leq 57.6 \text{ m}\Omega/\text{m}$
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

Certificates

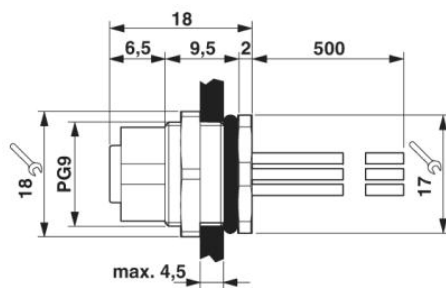


Certification

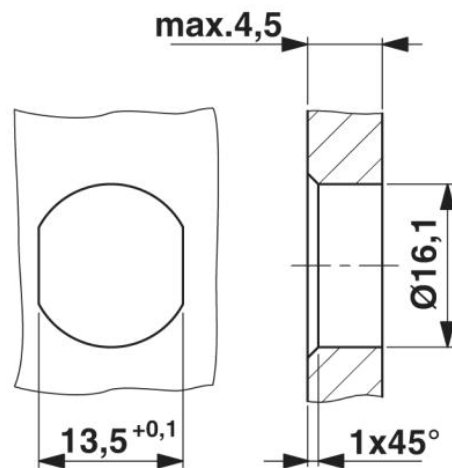
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Drawings

Dimensioned drawing

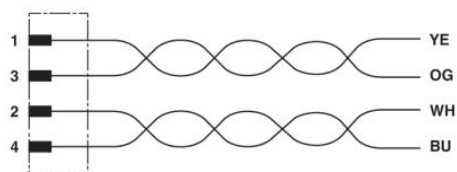


M12 flush-type connector



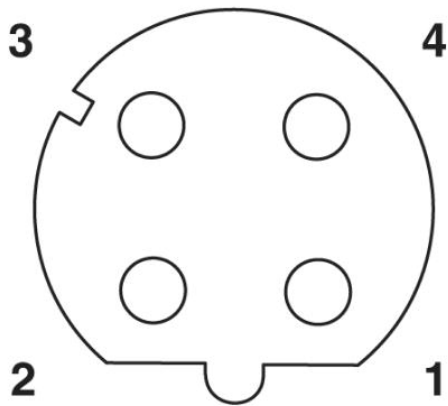
Housing cutout for M16 fastening thread,
mounting panel with feed-through hole
(alternatively with surface as protection
against rotation)

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



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