

SACC-DSI-M12MSD-4CON-M16/0,5

Order No.: 1419603



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



Commercial data	
EAN	 4 046356 533454
Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 107 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
2010-02-25



Technical data

General data	
Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m

General characteristics

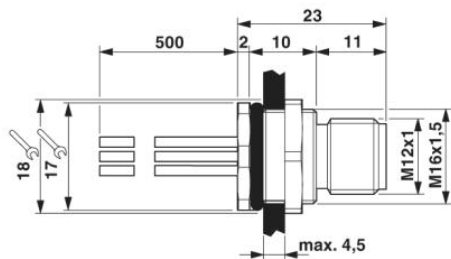
Standards/regulations	M12 connector IEC 61076-2-101
Coding	D-Standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting type	Rear mounting M16 x 1.5 With flat nut
Type of connection	Individual wires
Status display	No

Conductor data

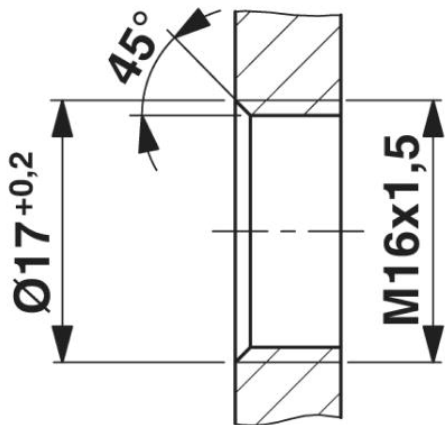
Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Yellow, orange, white, blue
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Conductor material	Tin-plated Cu litz wires

Drawings

Dimensioned drawing

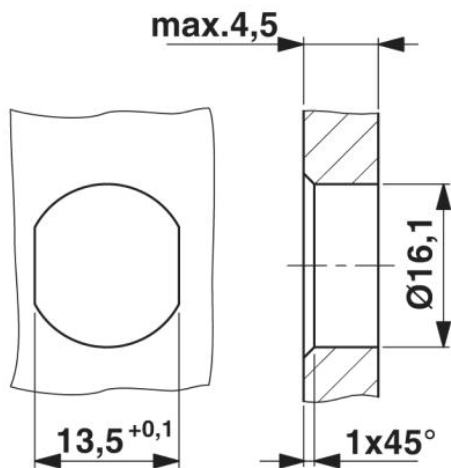


M12 flush-type connector

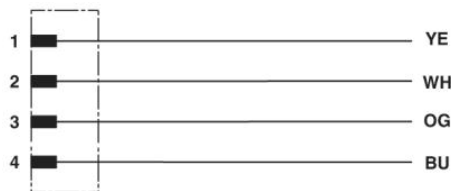


Housing cutout for M16 fastening thread, mounting panel with thread

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

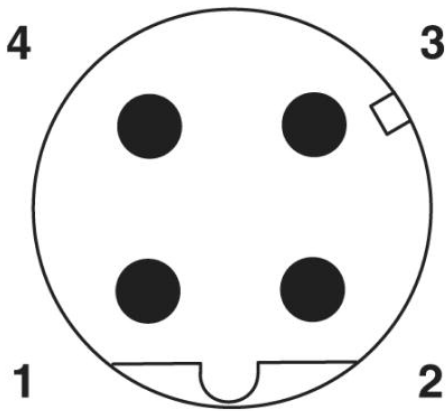


Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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