

SACC-DSI-M12FS-8CON-M16/0,5

Order No.: 1419690



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1419690>

Sensor/actuator flush-type socket, 8-pos., M12 SPEEDCON, rear/
screw mounting with M16 thread, with 0.5 m TPE litz wire, 8 x 0.25
mm²



Product notes

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



Commercial data

EAN	 4 046356 533546
Pack	1
Customs tariff	85444290
Catalog page information	Page 107 (NTK-2010)

Technical data

General data

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m

Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)
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General characteristics

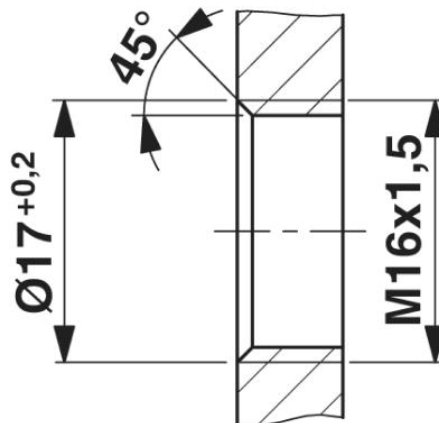
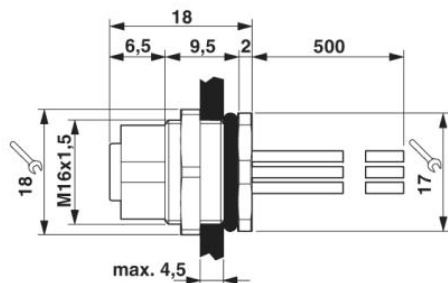
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting 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	0.25 mm ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Brown, blue, white, gray, pink, red, yellow, green
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 80 mΩ/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)

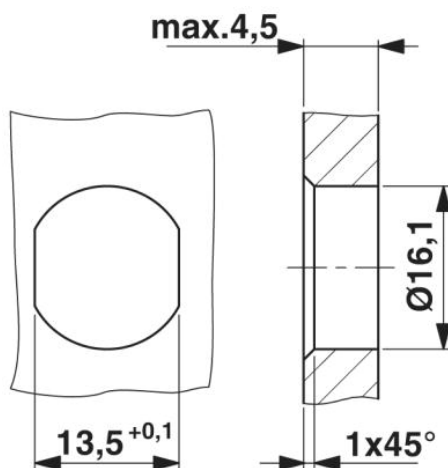
Drawings

Dimensioned drawing

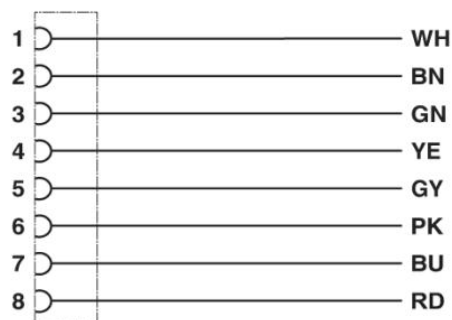


Housing cutout for M16 fastening thread, mounting panel with thread

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 socket

Schematic diagram

Pin assignment M12 socket, 8-pos., A-coded, view female side

