

SACC-DSI-M12FS-17CON-M16/0,5

Order No.: 1419739



Sensor/actuator flush-type socket, 17-pos., M12 SPEEDCON, rear/
screw mounting with M16 thread, with 0.5 m halogen-free TPE litz
wire, 17 x 0.14 mm²



Product notes

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



Commercial data

EAN	 4 046356 533584
Pack	1
Customs tariff	85444290
Catalog page information	Page 107 (NTK-2010)

Technical data

General data

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	17
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)

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	0.14 mm ²
AWG signal line	26
Wire colors	Color-coded DIN 47100
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

Certificates

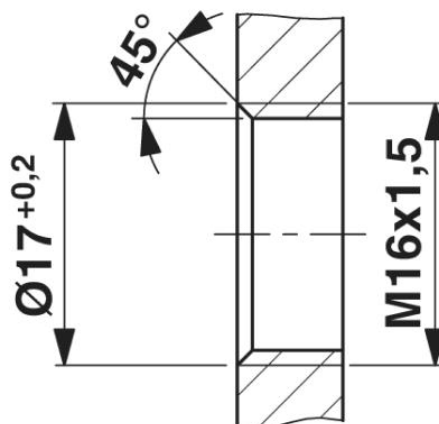
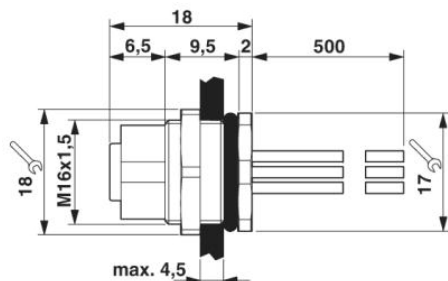


Certification

UL

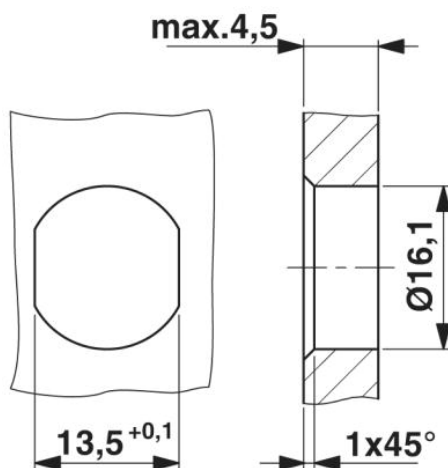
Drawings

Dimensioned drawing

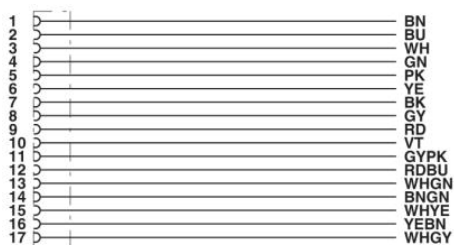


Housing cutout for M16 fastening thread, mounting panel with thread

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

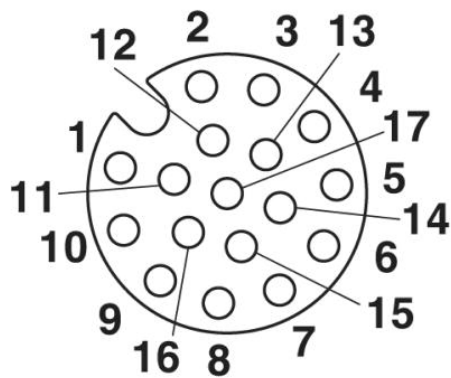


Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12, 17-pos., female side view