

SACC-DSI-M 8MS-4CON-M 8/0,5

Order No.: 1453481



Sensor/actuator flush-type connector, 4-pos., M8, rear/screw mounting, with M8 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm²

Commercial data

EAN	 4 046356 554374
Pack	1
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2009-12-17



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
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

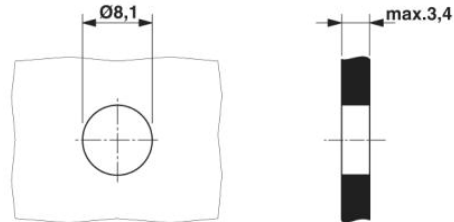
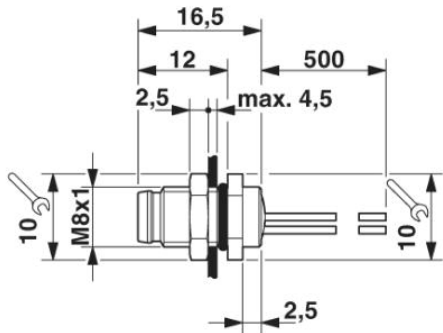
Standards/regulations	M8 connector IEC 61076-2-104
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA66
Material, knurls	Nickel-plated brass
Sealing material	Viton
Mounting type	Rear mounting M8 x 1
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	Black, brown, blue, white
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
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 ... 90 °C (cable, fixed installation)

Drawings

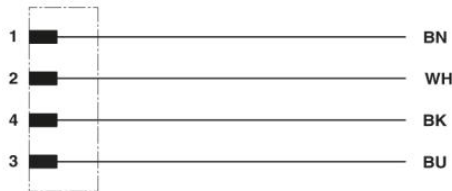
Dimensioned drawing



Housing cutout for M8 flush-type connector, connector, one-section

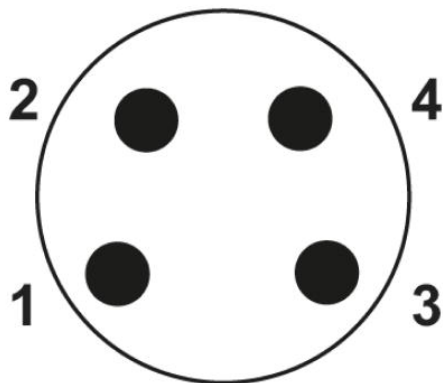
M8 flush-type connector

Circuit diagram



Contact assignment of M8 plugs/sockets

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side