

SACC-DSI-M12FS-8CON-PG9/0,5 P

Order No.: 1436369



Sensor/Actuator flush-type connector, socket, 8-pos., M12, A-coded, rear/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 8 x 0.25 mm², plastic version

Commercial data

EAN	 4 046356 438339
Pack	1
Customs tariff	85444290
Catalog page information	Page 37 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2008-08-04



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)

General characteristics

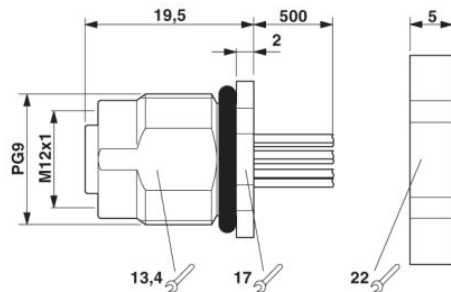
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	PA 66
Sealing material	Viton
Mounting type	Rear mounting Pg9 With flat nut
Type of connection	Individual wires
Status display	No

Conductor data

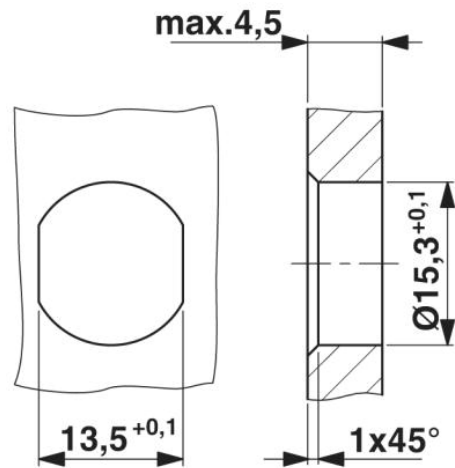
Cable type	TPE litz wire
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Brown, blue, white, gray, pink, green, yellow, red
Insulation resistance	≥ 20 MΩ*km
Conductor 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 ... 85 °C (cable, fixed installation)

Drawings

Dimensioned drawing

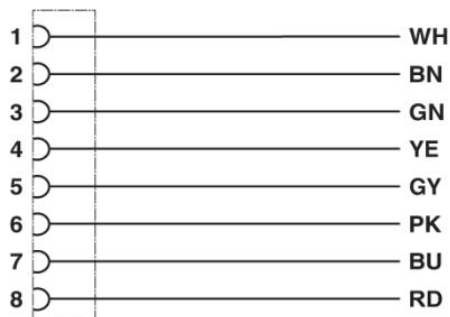


M12 flush-type connector



Housing cutout for M12 fastening thread,
mounting panel with feed-through hole
(alternative 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

