

SACC-DSI-MS-12CON-M12/0,5 SCO

Order No.: 1437122



Sensor/actuator flush-type connector, 12-pos., M12 SPEEDCON, rear/screw mounting with M12 thread, with 0.5 m halogen-free TPE litz wire, 12 x 0.14 mm²



Commercial data	
EAN	 4 046356 449625
Pack	1
Customs tariff	85444290
Catalog page information	Page 27 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2008-09-12



Technical data

General data

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
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 M12 x 1 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
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

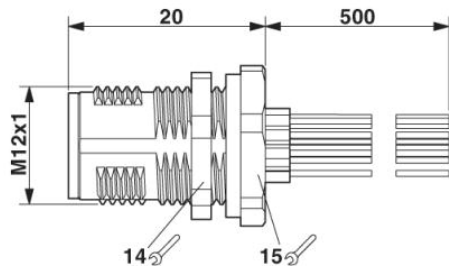
Certificates

Certification

UL

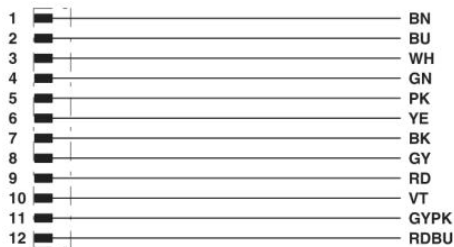
Drawings

Dimensioned drawing



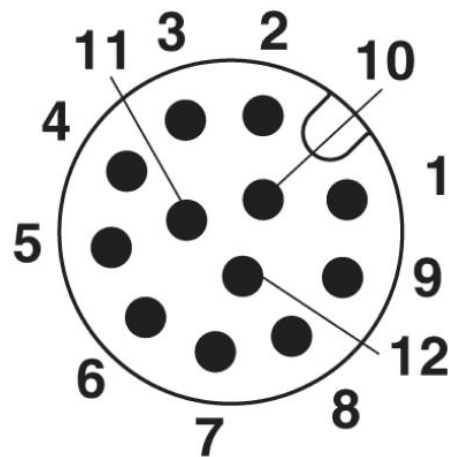
M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug

Schematic diagram



Pin assignment M12 male connector, 12-pos., male side view