

SACC-SQ-M12MSB-5CON-25F/0,5

Order No.: 1440999



Sensor/actuator flush-type connector, 5-pos., M12, B-encoded, front/
square flange mounting, with 0.5 m TPE litz wire, 5 x 0.34 mm²



Commercial data

EAN	 4 046356 533850
Pack	1
Customs tariff	85444290
Catalog page information	Page 106 (NTK-2010)

Product notes

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



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m

General characteristics

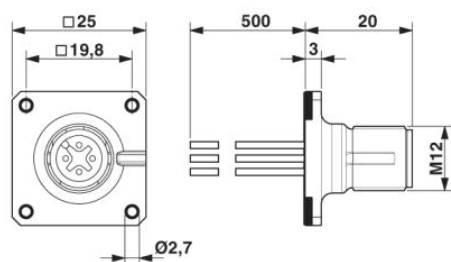
Standards/regulations	M12 connector IEC 61076-2-101
Coding	B - inverse
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting type	Front mounting Square flange
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Wire colors	Brown, white, blue, black, gray
Conductor material	Tin-plated Cu litz wires

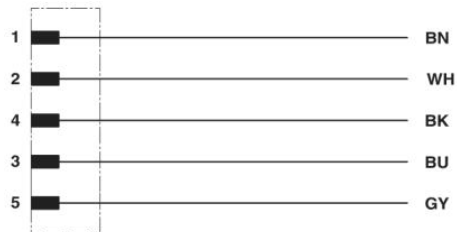
Drawings

Dimensioned drawing



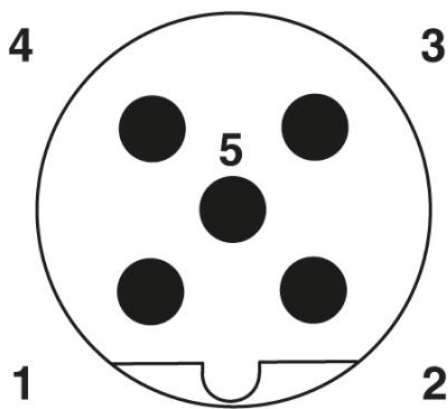
M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side