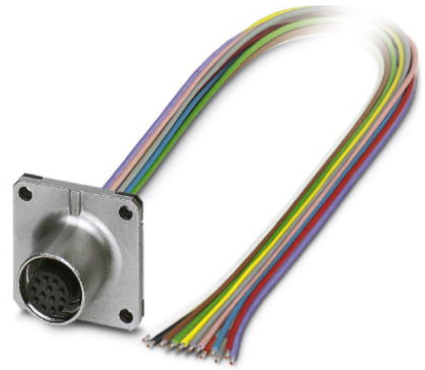


SACC-SQ-M12FS-12CON-25F/0,5

Order No.: 1441590



Sensor/actuator flush-type socket, 12-pos., M12, A-encoded, front/
square flange mounting, with 0.5 m TPE litz wire, 12 x 0.14 mm



Commercial data

EAN	 4 046356 533904
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	1.5 A
Rated voltage	30 V
Number of positions	12
Volume resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	0.5 m

Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)
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General characteristics

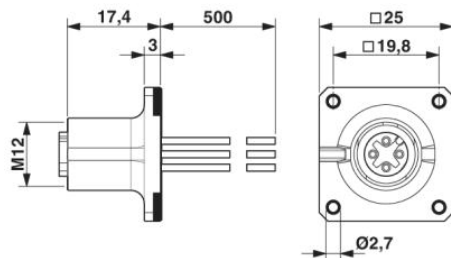
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting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

Conductor data

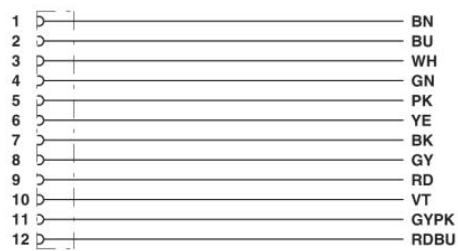
Cable type	TPE litz wire
Conductor cross section	0.14 mm ²
AWG signal line	26
Wire colors	Color-coded DIN 47100
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Drawings

Dimensioned drawing

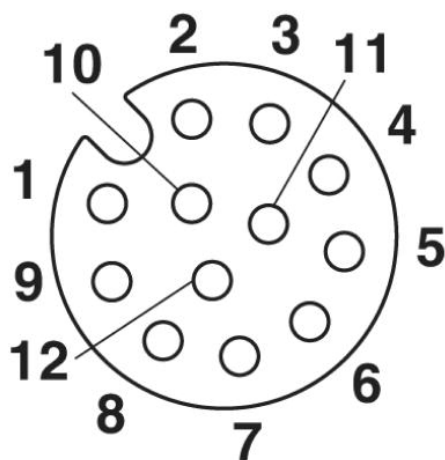


Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12, 12-pos., female side view