

SACC-M12MS-5CON-PG 7-SH

Order No.: 1693416

The illustration shows a 5-position version



Sensor/actuator connector, male, straight, 5-pos., M12, shielded, A-coded, screw connection, metal knurl, cable screw connection Pg7

Commercial data

EAN	 4 017918 173531
Pack	1
Customs tariff	85366990
Catalog page information	Page 51 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-03-24



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °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 of grip body	Zinc die-cast, nickel-plated
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.25 mm ²
Conductor cross section stranded max.	0.75 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
External cable diameter	4 mm ... 6 mm
Status display	No

Certificates



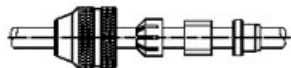
Certification

GOST

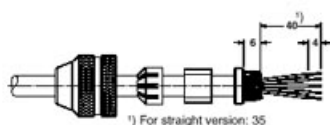
Drawings

Functional drawing

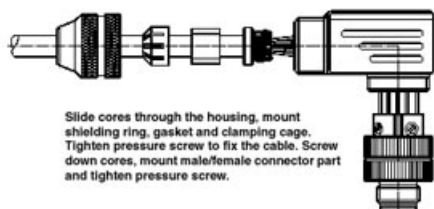
Assembly steps for M 12 male/female connector and conductor



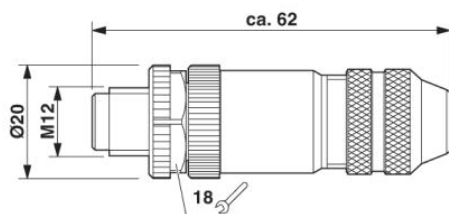
Slide parts onto the conductor



Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.

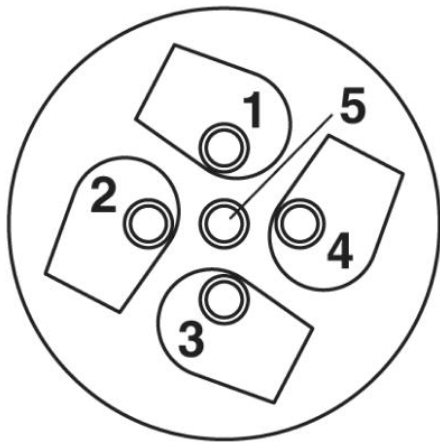


Dimensioned drawing

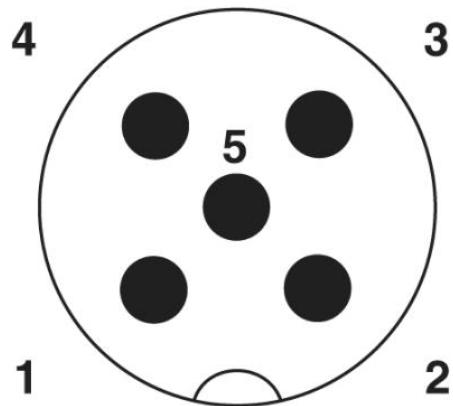


M12 x 1 male connector, straight, shielded

Schematic diagram



Cable connection side M12 (screw connection)



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