

SACC-M12FR-4CON-PG7

Order No.: 1681130



Sensor/actuator connector, female, angled, 4-pos., M12, A-coded, screw connection, plastic knurl, cable screw connection Pg7

Commercial data

EAN	 4 017918 157395
Pack	1
Customs tariff	85366990
Catalog page information	Page 45 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-03-23



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	$\leq 8 \text{ m}\Omega$
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	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Plastic
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

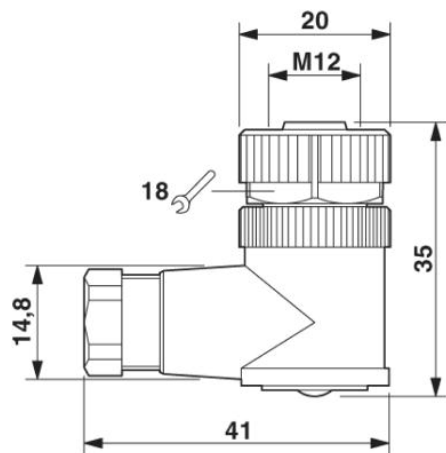
GOST

Accessories

Item	Designation	Description
General		
1436505	SACC-M12-SET/2,5-3,5	Sensor/actuator connector, accessories, pressure screw and Pg7 seal, for unshielded M12 connector, cable diameter 2.5 mm - 3.5 mm

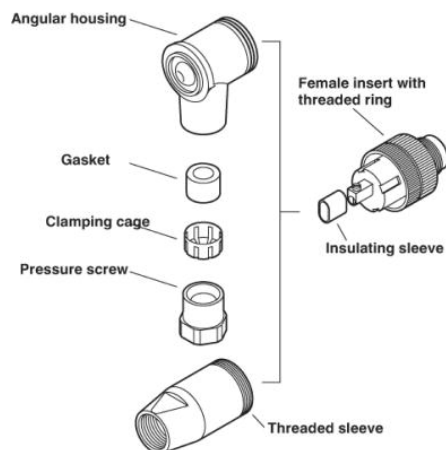
Drawings

Dimensioned drawing

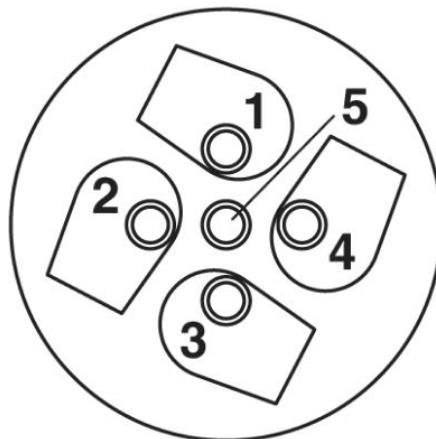


M12 x 1 female connector, angled

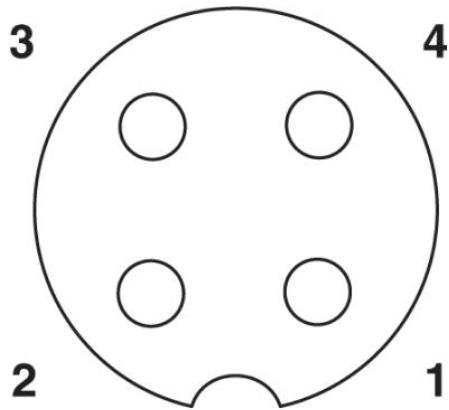
Schematic diagram



Male/Female M12



Cable connection side M12 (screw connection)



Pin assignment M12 socket, 4-pos., A-coded, view female side