

SACC-M12FRB-5CON-PG 9-SH

Order No.: 1430420

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Sensor/actuator connector, socket, angled, 5-pos., M12 shielded, B-coded, screw connection, metal knurl, cable gland Pg9

Commercial data

EAN	4046356321501
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.0711 KG
Catalog page information	Page 51 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
11/19/2007



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Technical data

General data

Nominal current I_N	4 A
Nominal voltage U_N	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 (plug/socket)
Pg screw connection	Pg9

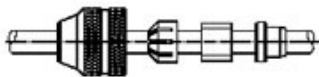
General characteristics

Coding	B - inverse
Inflammability class acc. to UL 94	V0
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
Min. diameter	6 mm
Max. diameter	8 mm
Status display	No

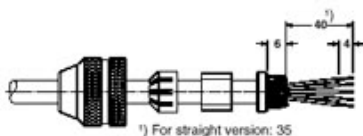
Drawings

Functional drawing

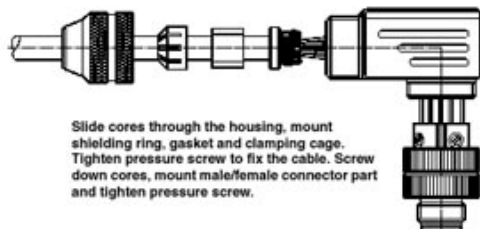
Assembly steps for M 12 male/female connector and conductor



Slide parts onto the conductor

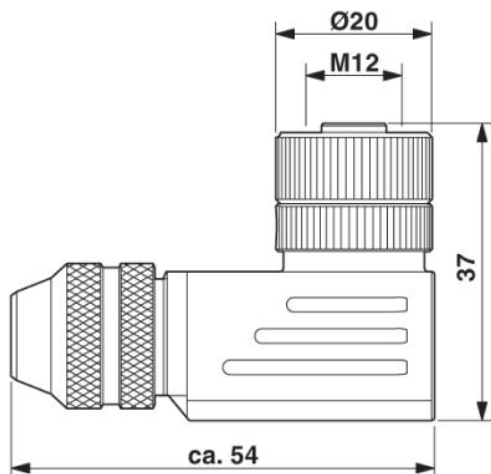


Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



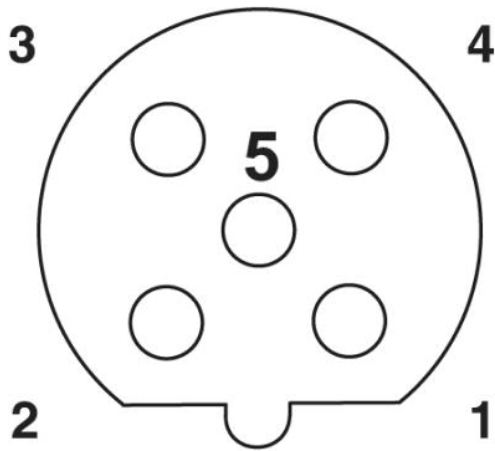
Dimensioned drawing

M12 x 1 female connector, angled, shielded



Schematic diagram

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



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