

SACC-FR-5SC M SCO

Order No.: 1432596



Sensor/actuator connector, socket, angled, 5-pos., M12 SPEEDCON, A-coded, spring-cage connection, metal knurl, cable diameter max. 8 mm



Commercial data	
EAN	 4 046356 348287
Pack	1
Customs tariff	85366990
Catalog page information	Page 44 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2008-03-06



Technical data

General data	
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
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	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Spring-cage conn.
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
External cable diameter	4 mm ... 8 mm
Status display	No

Certificates

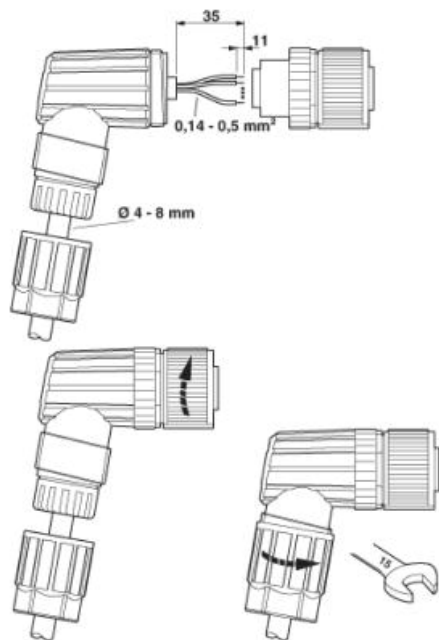


Certification

CUL, UL

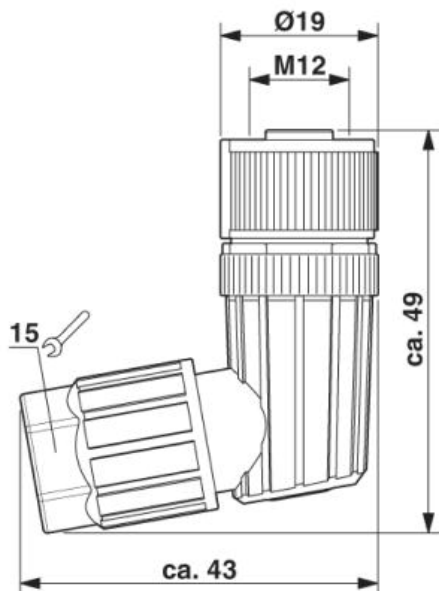
Drawings

Functional drawing



Stripping length 28 mm, for angled design 35 mm. Stripping the cable. Strip individual wires, slide the pressure nut onto the cable. Thread the wires through the housing and connect them. Screw the body of the connector onto the housing, tighten the pressure nut.

Dimensioned drawing



M12-SPEEDCON socket, angled

Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view

