

SACC-FR-5SC SH SCO

Order No.: 1432677



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



Commercial data	
EAN	 4 046356 348362
Pack	1
Customs tariff	85366990
Catalog page information	Page 50 (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	Zinc die-cast, nickel-plated
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

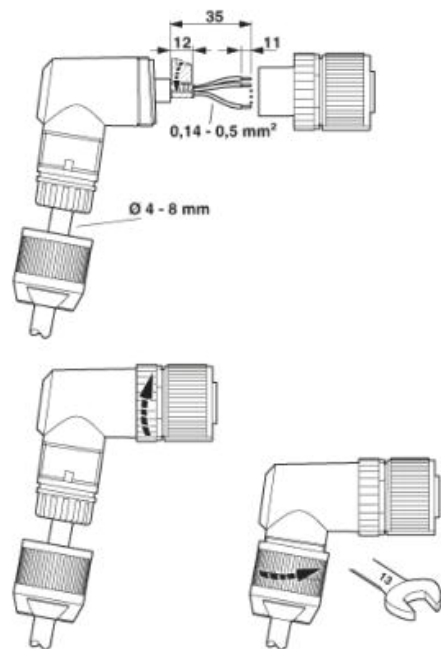
Certificates

Certification

CUL, UL

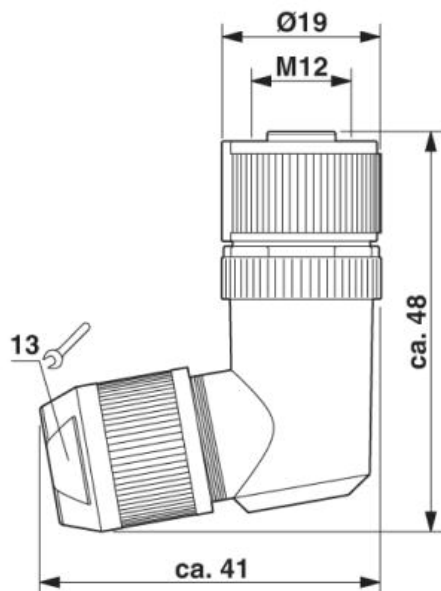
Drawings

Functional drawing



Stripping length 28 mm, for angled version 35 mm. Strip the cable, shorten the shield, stick the shielding foil around the shortened shield. Strip off individual wires, push pressure nuts onto the cable. Lead the wires through the housing and connect them. Screw the connector body onto the housing, tighten the pressure nuts.

Dimensioned drawing



Socket M12-SPEEDCON, angled, shielded

Schematic diagram

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

