

SACC-MR-5SC SH SCO

Order No.: 1432651



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



Commercial data	
EAN	 4 046356 348348
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	$\geq 100 \text{ M}\Omega$

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

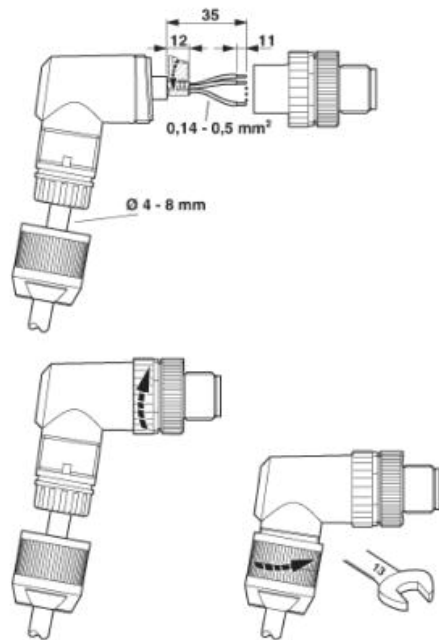


Certification

CUL, UL

Drawings

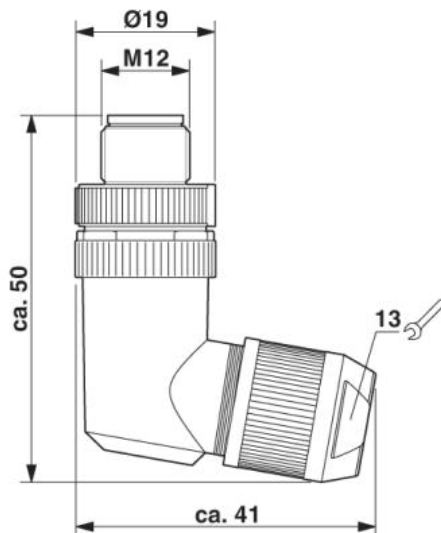
Functional drawing



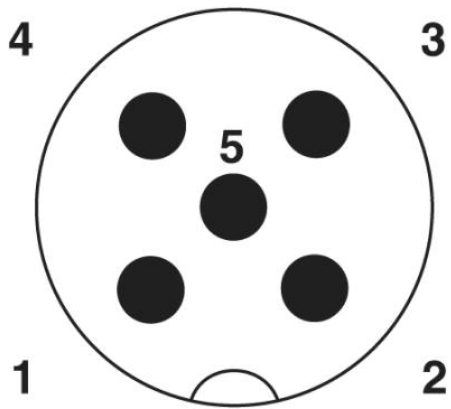
Stripping length 28 mm, for angled version 35 mm. Strip the cable, shorten the shield, stick the shielding foil around the shortened shield. Strip off individual wires, push pressure nuts onto the cable. Lead the wires through the housing and connect them. Screw the connector body onto the housing, tighten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

Dimensioned drawing

Plug M12 SPEEDCON, angled, shielded



Schematic diagram



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