

SACC-M12MS-4SC SH

Order No.: 1513253



Sensor/actuator connector, male, straight, 4-pos., M12, shielded, A-coded, spring-cage connection, metal knurl, cable cross section max. 8 mm

Commercial data

EAN	 4 017918 946623
Pack	1
Customs tariff	85366990
Catalog page information	Page 38 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
2006-11-10



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 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

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

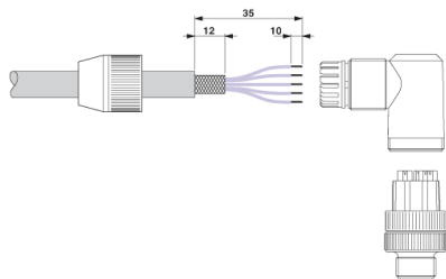


Certification

CUL, UL

Drawings

Functional drawing

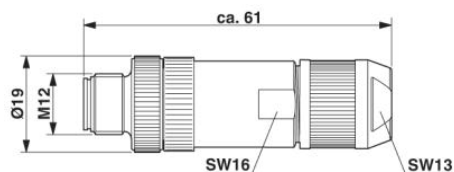


Assembly of the shielded conductor

1) For straight version: 28 mm

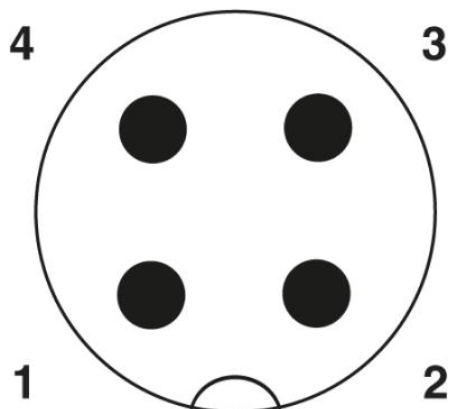
Slide the pressure nut onto the cable, strip the cable, shorten the shield, strip the cores. Thread the cores through the housing and connect them. Screw the body of the connector onto the housing. Tighten the pressure nut.

Dimensioned drawing



M12 x 1 male connector, straight, shielded

Schematic diagram



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