

SACC-M12FS-5SC

Order No.: 1508242



Sensor/actuator connector, female, straight, 5-pos., M12, A-coded, spring-cage connection, plastic knurl, cable cross section max. 8 mm

Commercial data

EAN	 4 017918 945992
Pack	1
Customs tariff	85366990
Catalog page information	Page 33 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
2005-12-01



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

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Plastic
Sealing material	Neoprene
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

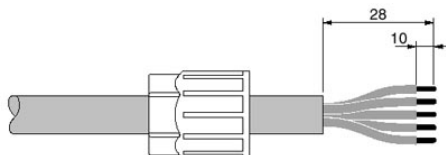


Certification

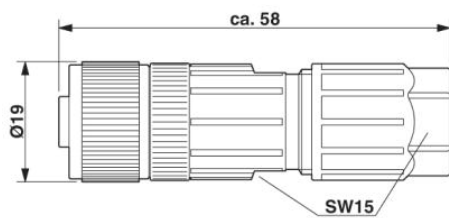
CUL, UL

Drawings

Functional drawing

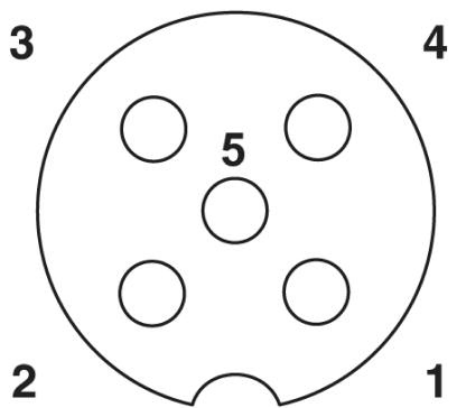


Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



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