

SACC-M 8FS-3CON-M-SH

Order No.: 1506927



Sensor/actuator connector, female, straight, 3-pos., M8, shielded,
solder connection, metal knurl, cable diameter max. 5 mm

Commercial data

EAN	 4 017918 881177
Pack	1
Customs tariff	85366990
Catalog page information	Page 42 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-03-21



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Volume resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	Nickel-plated brass
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Solder cup
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	0.25 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	22
External cable diameter	3.5 mm ... 5 mm
Status display	No

Certificates

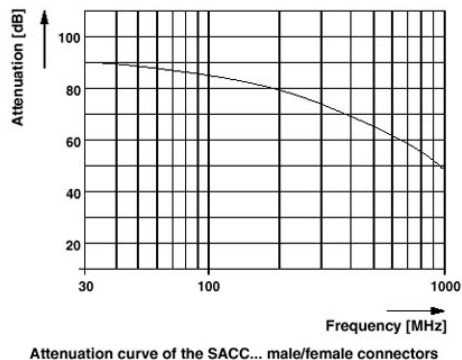


Certification

GOST

Drawings

Diagram

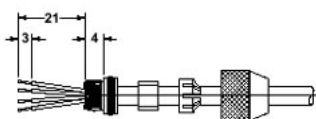


Functional drawing

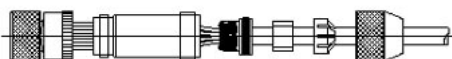
Assembly steps for M8 male/female connector and conductor



Slide parts onto the conductor



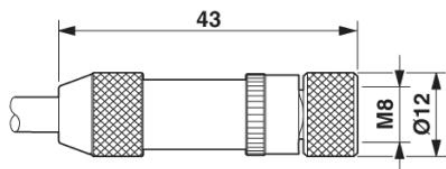
Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



Slide cores through the housing, mount shielding ring, gasket and clamping cage. Tighten pressure screw to fix the cable. Solder on cores, mount male/female connector part and tighten pressure screw.

Dimensioned drawing

Socket M8 x 1, straight, shielded



Schematic diagram

Pin assignment M8 socket, 3-pos., view female side

