

SACC-M12MS-4SC SH


Order No.: 1513253



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

Commercial data

GTIN (EAN)	
sales group	D124
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 38 (PC-2007)

Product notes

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



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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	4
Volume resistance	≤ 8 mΩ

Insulation resistance	≥ 100 MΩ
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
Connection method	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 / Approvals



Certification CUL, UL

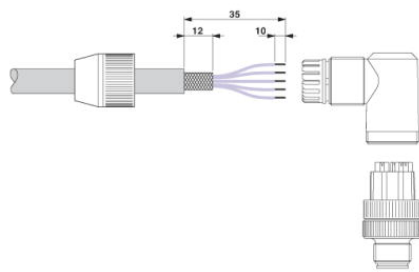
Accessories

Item	Designation	Description
Tools		
1208445	SACC BIT M12-D20	Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors
1212597	TSD 08 SAC	Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212225	TSD-M 3NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Diagrams/Drawings

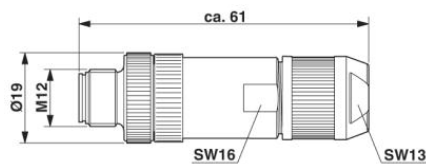
Functional drawing



Assembly of the shielded conductor

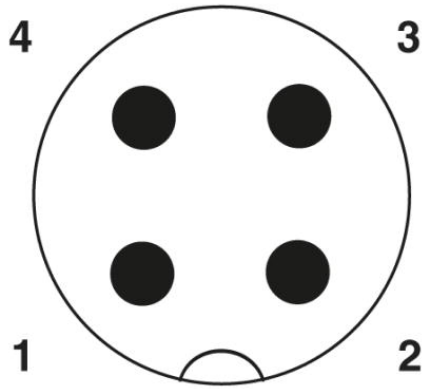
1) For straight version: 28 mm
 Slide the pressure nut onto the cable, strip the cable, shorten the shield, strip the cores. Thread the cores through the housing and connect them. Screw the body of the connector onto the housing. Tighten the pressure nut.

Dimensioned drawing



M12 x 1 male connector, straight, shielded

Schematic diagram



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

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