

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

► Extract from the online catalog



Sensor/actuator connector, straight, 4-pos., M12
SPEEDCON, A-coded, QUICKON-ONE, metal knurl,
cable cross section max. 8 mm

Order No.	1521591
Ord designation	SACC-MS-4QO-0,75-M SCO
EAN	4017918953065
Pack	1 Pcs.
Customs tariff	85369010
Weight/Piece	0.0148 KG
Catalog page information	Page 171 (AX-2007)

► Product notes

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



IMPORTANT : This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.

▶ **Technical data**

General data

Nominal current I_N	4 A
Nominal voltage U_N	250 V
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Ambient temperature (operation)	-25 °C ... 80 °C (plug/socket)

General characteristics

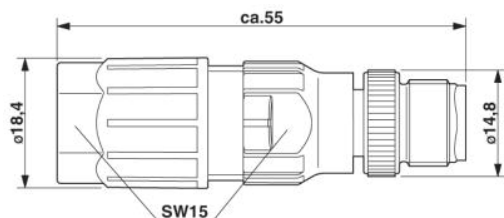
Keying	A - standard
Inflammability class acc. to UL 94	V0
Surge voltage category	II
Contamination class	3
Degree of protection	IP65/67
Material of contact	CuSn
Material of contact surface	Ni/Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Conductor cross section stranded min.	0.34 mm^2
Conductor cross section stranded max.	0.75 mm^2
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	18
Type of connection	QUICKON fast connection
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

Conductor data

Wire diameter including insulation	1.3 mm ... 2.6 mm
Frequency of connections between conductors of the same cross section	10
Minimum external conductor diameter	4 mm
Maximum external conductor diameter	8 mm
Wire insulation material	PVC/PE
Tightening torque, union nut	1.2 Nm
Wrench size, union nut	15 mm
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	18

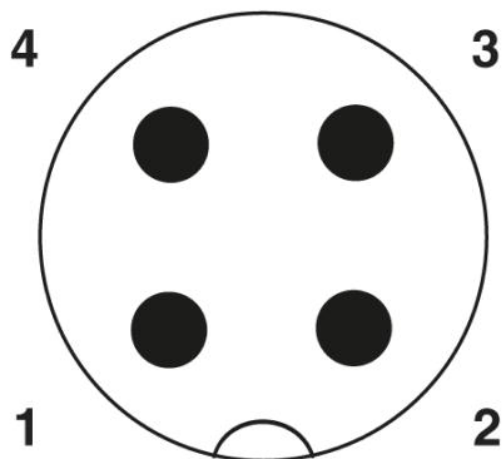
▶ Drawings

Dimensioned drawing



M12 x 1 male connector, straight

Schematic diagram



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

► Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>
Phoenix Contact
Technical modifications reserved;