

SACC-M12FS-4QO-0,75-VA

Order No.: 1440782

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1440782>

Sensor/actuator connector, Universal, 4-position, Plug straight M12, A-coded, Insulation displacement connection, Knurl material: High-grade steel, External cable diameter 4 mm ... 8 mm

Commercial data

EAN	4 046356 517003
sales group	D121
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.017 KG
Net weight per piece	0.017 KG
Catalog page information	Page 20 (C-4-2013)

Product notes

WEEE/RoHS-compliant since:
06/25/2009



<http://www.download.phoenixcontact.com>
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. The General Terms and Conditions of Use apply to Internet downloads.

Technical data**Dimensions**

Wrench size, union nut	15 mm
External diameter	4 mm ... 8 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
---------------------------------	----------------------------------

Ambient temperature (assembly)	-5 °C ... 50 °C (During assembly)
Degree of protection	IP65
	IP67

General

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Insulation displacement connection
Conductor cross section	0.34 mm² ... 0.75 mm²
AWG conductor cross section	22 ... 18
Wire diameter including insulation	1.3 mm ... 2.6 mm
Frequency of connections between conductors of the same cross section	≥ 10
Wire insulation material	PVC / PE / PP / rubber
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl) 1.2 Nm (Pressure nut)
Assembly instructions	AWG 18 wire cross section upon request

Material

Inflammability class according to UL 94	V0
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU
Material of grip body	PA 6
Material, knurls	High-grade steel

Sealing material	FPM (M12 socket)
	Neoprene (Cable clamping)

Certificates / Approvals

Certification GL

Certifications applied for:

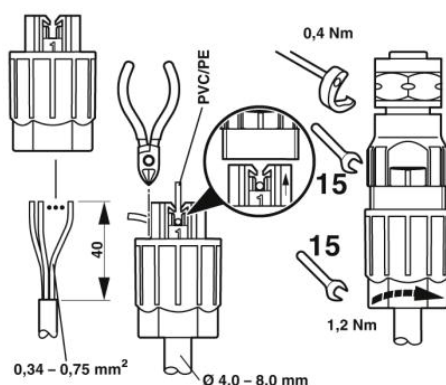
Certification Ex:

Accessories

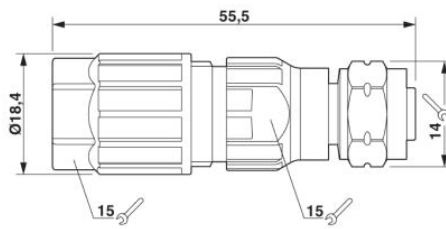
Item	Designation	Description
Tools		
1641992	QSS 15	Allen wrench, for loosening and fastening the QUICKON union nut, WAF 15 mm
1212513	SAC BIT M12-W14	SAC nut, for assembling M12 connectors with hexagonal high-grade steel knurl, with 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 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

Drawings

Functional drawing

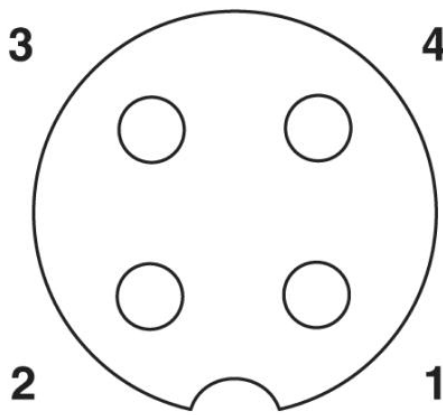


Dimensioned drawing



M12 socket, straight,
QUICKON connection: 0.34 mm² ... 0.75 mm²

Schematic diagram



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

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2014 Phoenix Contact
Technical modifications reserved;