


# SACC-M12MSD-4Q SH

Order No.: 1543223

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1543223>Bus system connector, plug, straight, 4-pos., M12 shielded, D-coded,  
QUICKON connection block, cable diameter max. 8 mm**Ethernet****Commercial data**

EAN	 4 046356 097383
Pack	1 pcs.
Customs tariff	85366990
Gross weight in pieces	0.0445 KG
Net weight per piece (exclusive packing)	0.042 KG
Catalog page information	Page 77 (PC-2011)

**Product notes**WEEE/RoHS-compliant since:  
02/03/2006

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**Technical data****General data**

Rated current at 40°C	1.75 A
Rated voltage	60 V
Number of positions	4
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-40 °C ... 85 °C
<b>General characteristics</b>	
Coding	D - data
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Inflammability class according to UL 94	V0
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	Neoprene
Connection method	Insulation displacement connection
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	0.34 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22
Frequency of connections between conductors of the same cross section	≤ 10
External diameter	4 mm ... 8 mm
Conductor cross section	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>
Connection cross section AWG	26 ... 22
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

### Certificates / Approvals



Certification GOST

Certifications applied for:

Certification Ex:

### Accessories

Item	Designation	Description
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#### General

1417320	VS-OE-OE-93E/...	CAT5e, Ethernet cable, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), length variable
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#### Protection and sealing elements

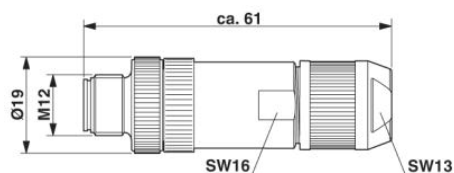
1430873	PROT-M12 FS-PA-CHAIN	M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets
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#### Tools

1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter
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
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
1212161	WIREFOX-D 40	<b>Stripping tool</b> , for stripping cables of 4.5 mm - 40 mm-Ø, insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

### Diagrams/Drawings

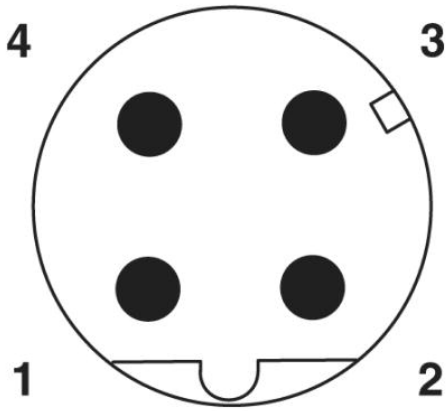
Dimensioned drawing



Plug, M12 x 1, straight, shielded

Schematic diagram

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Pin assignment M12 male connector, 4-pos., D-coded, male side

**Address**

PHOENIX CONTACT Ltd  
Halesfield 13  
Telford Shropshire TF7 4PG,GB  
Phone 01952 681 700  
Fax 01952 681 799  
<http://www.phoenixcontact.co.uk>



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