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Extract from the online catalog

## SACC-M12MSD-4Q SH PN

Order No.: 1554513



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554513>

Bus system connector, plug, straight, 4-pos., M12 shielded, D-coded, QUICKON connection block, cable diameter max. 8 mm



Commercial data	
GTIN (EAN)	 4 046356 166201
sales group	D111
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 52 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
08/19/2008



<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

General data	
Rated current at 40°C	1.75 A
Rated voltage	60 V
Number of positions	4
Volume resistance	≤ 5 mΩ

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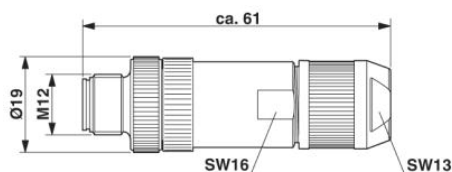
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

**General characteristics**

Coding	D - data
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Inflammability class acc. 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
Type of connection	IDC fast 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
Insertion/withdrawal cycles	≥ 100
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

**Diagrams/Drawings**

Dimensioned drawing



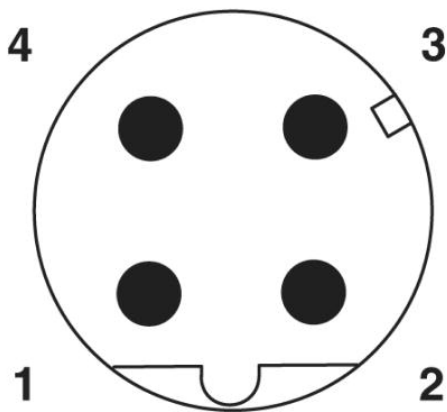
M12 x 1 male connector, straight, shielded

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Schematic diagram



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

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