


## 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>  
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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

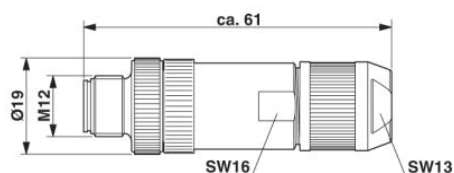
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

**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**

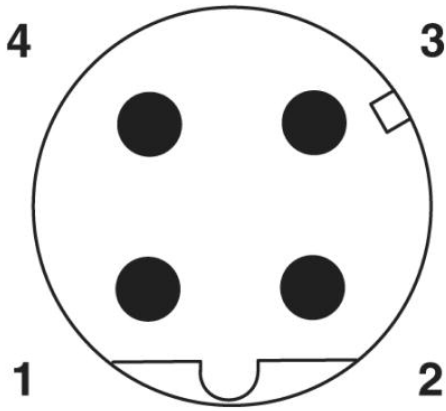
Dimensioned drawing



M12 x 1 male connector, straight, shielded

Schematic diagram

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

**Address**

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