


**SACC-M12FSD-4Q SH PN**

Order No.: 1554526

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554526>

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



Commercial data	
GTIN (EAN)	 4 046356 166218
sales group	D124
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 77 (PC-2011)

## Product notes

WEEE/RoHS-compliant since:  
10/23/2006

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

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	1.75 A
Rated voltage	60 V

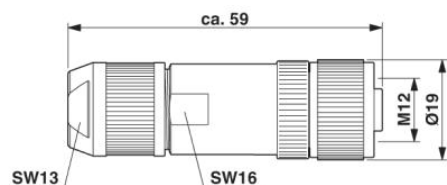
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °C ... 85 °C

### 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
Connection method	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	$\leq 10$
External diameter	4 mm ... 8 mm
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

### Diagrams/Drawings

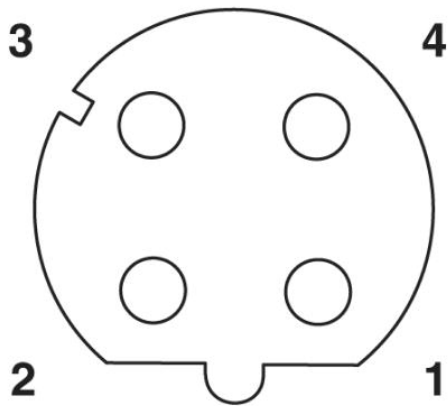
Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram

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

**Address**

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