

SACC-M12MSD-4Q SH PN

Order No.: 1554513



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



Commercial data

EAN	 4 046356 166201
Pack	1
Customs tariff	85366990
Catalog page information	Page 52 (PC-2009)

Product notes

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



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

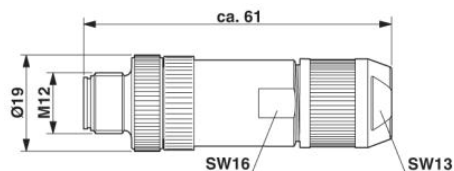
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

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 ²
Conductor cross section stranded max.	0.34 mm ²
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)

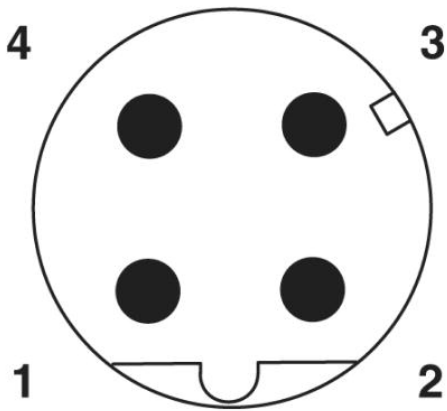
Drawings

Dimensioned drawing



M12 x 1 male connector, straight, shielded

Schematic diagram



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