


**SACC-M12MSB-5CON-PG9 SH XL PB**

Order No.: 1401096

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1401096>

Bus system connector, male connector, straight, 5-pos., M12, shielded, gold-plated contacts, B-encoded, screw connection, metal knurl, PG11 cable gland

**Commercial data**

GTIN (EAN)	 4 046356 523349
sales group	D124
Pack	1 pcs.
Customs tariff	85366990

**Product notes**

WEEE/RoHS-compliant since:  
08/03/2009



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

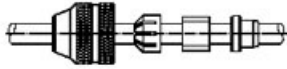
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ

Insulation resistance	≥ 100 MΩ
<b>General characteristics</b>	
Coding	B - inverse
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Nickel-plated brass
Sealing material	NBR
Connection method	Screw connection
Conductor cross section stranded min.	0.25 mm <sup>2</sup>
Conductor cross section stranded max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
External cable diameter	8 mm ... 10 mm
Status display	No

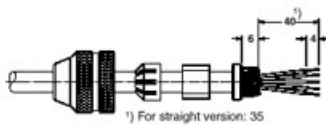
## Diagrams/Drawings

### Functional drawing

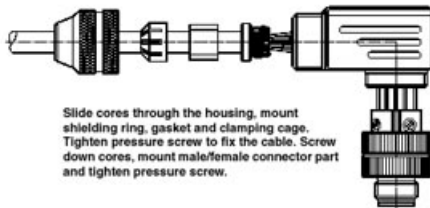
#### Assembly steps for M 12 male/female connector and conductor



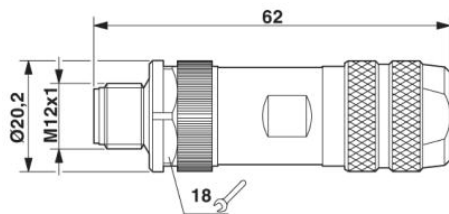
Slide parts onto the conductor



Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



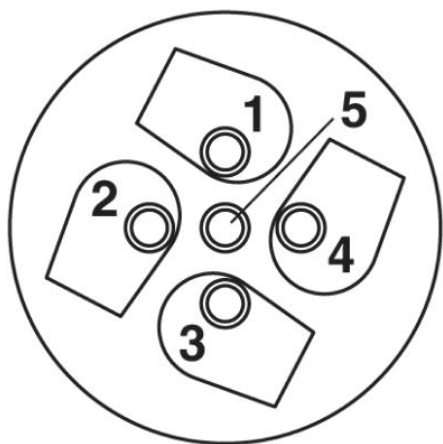
### Dimensioned drawing



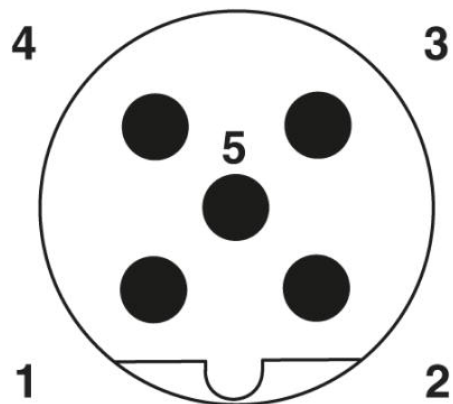
M12 x 1 male connector, straight, shielded

Schematic diagram

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Cable connection side M12 (screw connection)



Pin assignment M12 male connector, 5-pos., B-coded, male side

**Address**

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