

## **Excellent Integrated System Limited**

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Extract from the online catalog

## SAC-3P-M12MS/BI-1L-S


Order No.: 1534122



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1534122>

Valve connector type B, 11 mm contact spacing, vertical connector M12

### Commercial data

GTIN (EAN)	 4 046356 026482
sales group	D123
Pack	5 pcs.
Customs tariff	85366990
Catalog page information	Page 109 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2008



<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	4 A
Rated voltage	24 V AC/DC
Number of positions	3
Volume resistance	≤ 15 mΩ
Insulation resistance	≥ 100 MΩ

SAC-3P-M12MS/BI-1L-S Order No.: 1534122  
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Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)
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**General characteristics**

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Contact material	CuSn
Contact surface material	Ag
Valve plug contact insert material	PBT
Material, housing, valve plug	PBT
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	TPU
Type of connection	M12 male connector
Status display	Yellow LED
Protective circuit/component	Z diode

**Conductor data**

Cable type	PUR/PVC black
Conductor cross section	0.75 mm <sup>2</sup>
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
External cable diameter	5.90 mm
Wire colors	Black 1, black 2, green/yellow
External sheath, color	Black RAL 9005

**Accessories**

Item	Designation	Description
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**Allgemein**

1402559	SAC-3P-M12MS/1,5-PUR/M12FS 345	Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, Cable length: 1.5 m
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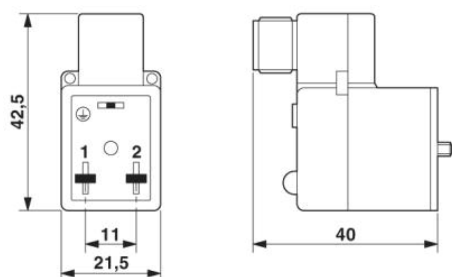
SAC-3P-M12MS/BI-1L-S Order No.: 1534122

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1534122>

1402562	SAC-3P-M12MS/10,0-PUR/ M12FS 345	Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, Cable length: 10 m
1402563	SAC-3P-M12MS/15,0-PUR/ M12FS 345	Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, Cable length: 15 m
1402560	SAC-3P-M12MS/3,0-PUR/ M12FS 345	Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, Cable length: 3 m
1402561	SAC-3P-M12MS/5,0-PUR/ M12FS 345	Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, Cable length: 5 m

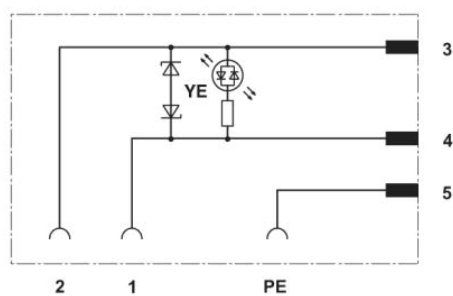
### Diagrams/Drawings

Dimensioned drawing



Valve connector, type BI with vertical M12 plug

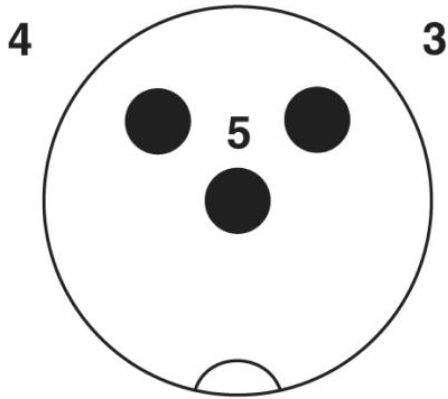
Circuit diagram



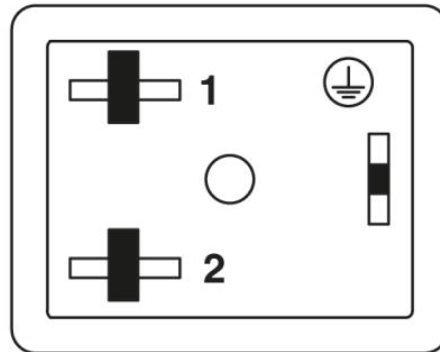
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Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side



Valve connector pin assignment, type BI

SAC-3P-M12MS/BI-1L-S Order No.: 1534122

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