



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)
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 ²
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

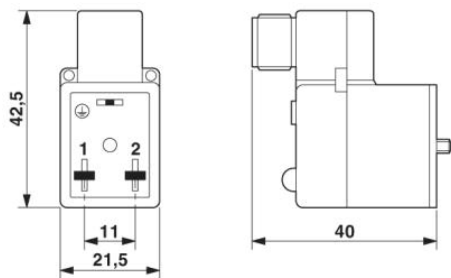
Accessories

Item	Designation	Description
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

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

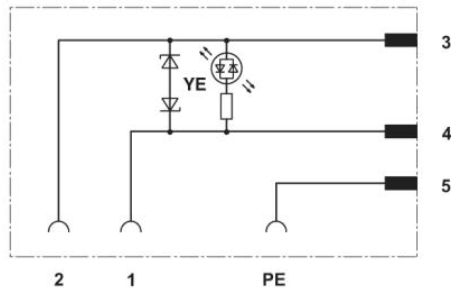
Diagrams/Drawings

Dimensioned drawing

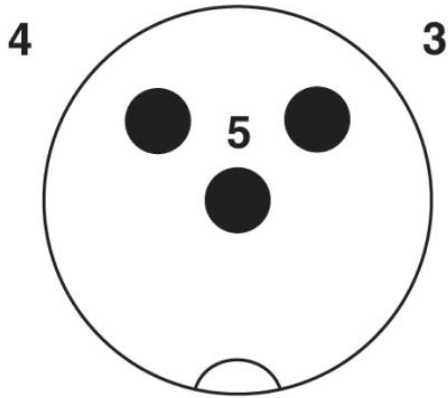


Valve connector, type BI with vertical M12 plug

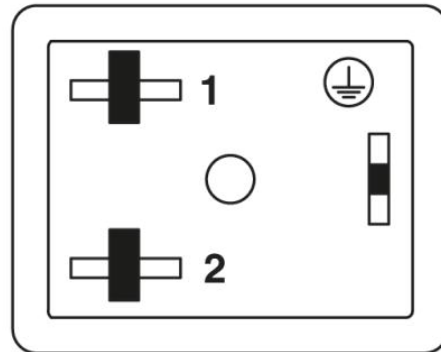
Circuit diagram



Schematic diagram



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



Valve connector pin assignment, type BI

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