


SAC-3P-M12MS/0,6-PUR/B-1L-S180

Order No.: 1536586



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1536586>

Sensor/Actuator cable, 3-position, PUR/PVC, Black RAL 9005, Plug, straightLink:M12, A-coded, on Valve plug type B (10 mm), with 1 LED, connected with Z diode, Cable length: 0.6 m

Commercial data	
GTIN (EAN)	4  046356 027625
Note	Made-to-order
sales group	D114
Pack	5 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
11/30/2006



<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	≤ 5 mΩ

Insulation resistance	≥ 100 MΩ
Length of cable	0.6 m

General characteristics

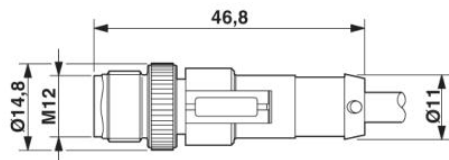
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuSn
Contact surface material	Ag
Valve plug contact insert material	PBT
Material, housing, valve plug	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Flat gasket valve plug)
Status display	1 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
Overall twist	3 concentrically twisted wires
Length of twist, overall twist	83 mm
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires

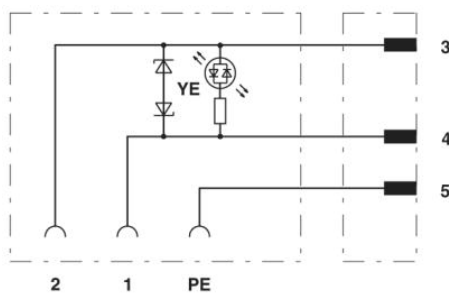
Diagrams/Drawings

Dimensioned drawing



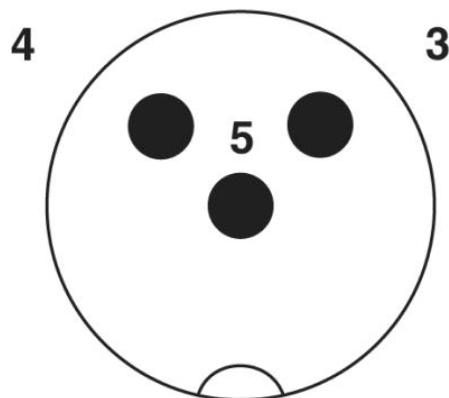
M12 x 1 male connector, straight

Circuit diagram

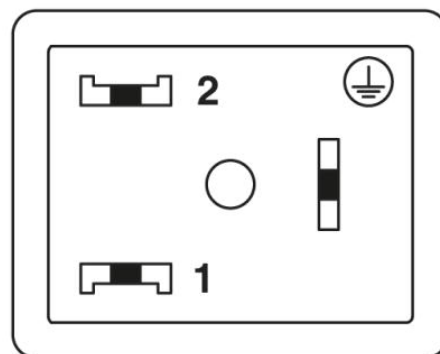


Contact assignment

Schematic diagram



Pin assignment M12, 3-pos.



Valve connector pin assignment, type B

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2012 Phoenix Contact
Technical modifications reserved;