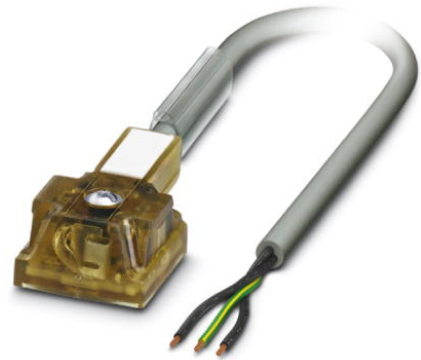




Extract from the online catalog

SAC-3P- 1,5-PUR/A-1L-S F

Order No.: 1669916



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1669916>

Sensor/Actuator cable, 3-position, PUR/PVC, Gray RAL 7001, Free conductor end, on Valve plug A, Cable length: 1.5 m

Commercial data	
EAN	4017918134815
sales group	D113
Pack	5 pcs.
Customs tariff	85444290
Weight/Piece	0.11048 KG
Catalog page information	Page 108 (PC-2002)

Product notes

WEEE/RoHS-compliant since: 12/01/2005



<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	
Nominal current I_N	4 A
Nominal voltage U_N	24 V
Number of positions	3
Volume resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

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Length of cable	1.5 m
Stripping length of the free conductor end	50 mm

General characteristics

Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Ag
Valve plug contact insert material	PBT
Material, housing, valve plug	PBT
Sealing material	TPU (Flat gasket valve plug)
Status display	1 LED
Protective circuit/component	Z diode

Conductor data

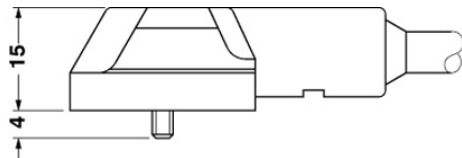
Cable type	PUR/PVC black
Cable abbreviation	LIYY11Y-JZ
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Core diameter including insulation	Approx. 1.8 mm
Thickness, insulation	Approx. 0.34 mm (Core insulation)
	Approx. 0.35 mm (Outer cable sheath)
	Approx. 0.3 mm (Inner sheath)
External cable diameter	5.20 mm
Wire colors	Black 1, black 2, green/yellow
External sheath, color	Gray RAL 7001
Insulation resistance	≥ 1 MΩ*km
Nominal voltage, conductor	240 V
Test voltage, conductor	2000 V
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

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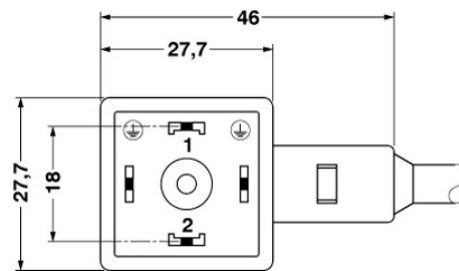
Conductor material	Bare Cu litz wires
Smallest bending radius, movable installation	62 mm

Diagrams/Drawings

Dimensioned drawing

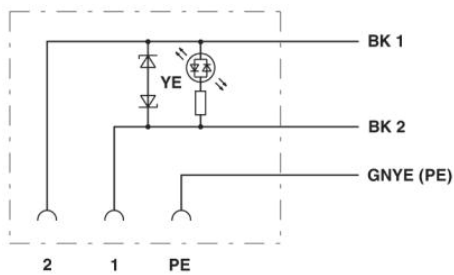


Valve plug, type A, flat



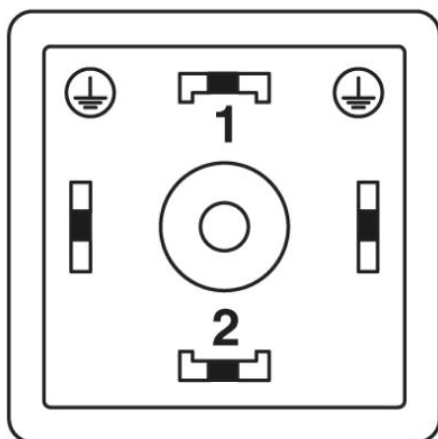
Valve plug, type A, flat

Circuit diagram



Contact assignment of the valve plug

Schematic diagram



Valve connector pin assignment, type A

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