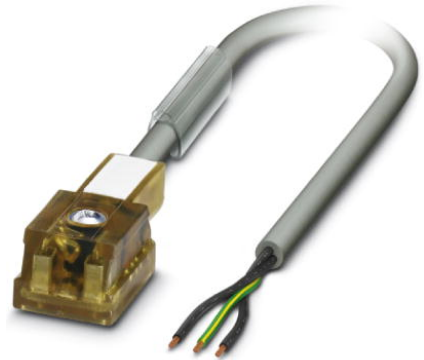


SAC-3P- 3,0-PUR/BI-1L-S F

Order No.: 1669958



Sensor/Actuator cable, 3-position, PUR/PVC, Gray RAL 7001, Free conductor end, on Valve plug type B (11 mm), with 1 LED, connected with Z diode, Cable length: 3 m

Commercial data

EAN	 4 017918 134853
Pack	5
Customs tariff	85444290
Catalog page information	Page 108 (PC-2002)

Product notes

WEEE/RoHS-compliant since:
2005-08-01



Technical data

General data

Rated current at 40°C	3 A
Rated voltage	24 V
Number of positions	3
Volume resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	3 m

Stripping length of the free conductor end	50 mm
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General characteristics

Surge voltage category	II
Pollution degree	3
Degree of protection	IP65
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	$\geq 1 \text{ M}\Omega \cdot \text{km}$
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
Conductor material	Bare Cu litz wires
Smallest bending radius, movable installation	62 mm

Certificates

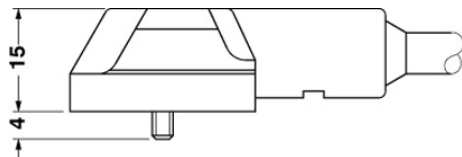


Certification

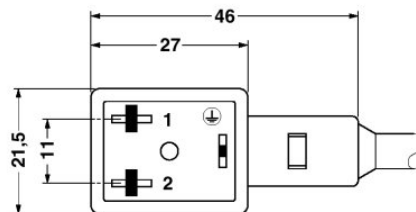
CUL Listed, UL Listed

Drawings

Dimensioned drawing

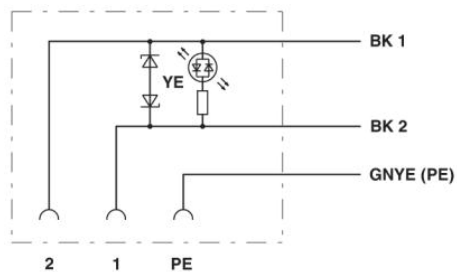


Valve connector, type BI, flat



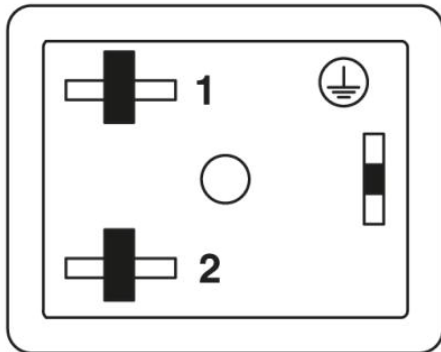
Valve connector, type BI, flat

Circuit diagram



Contact assignment of the valve plug

Schematic diagram



Valve connector pin assignment, type BI