

SAC-3P-10,0-PUR/BI

Order No.: 1534834

Sensor/Actuator cable, 3-position, PUR/PVC, Free conductor end,
on Valve plug type B (11 mm), Cable length: 10 m

Commercial data

EAN	4 046356 026901 
Note	Made-to-order
Pack	1
Customs tariff	85445190

Product notes

WEEE/RoHS-compliant since:
2006-10-16



Technical data

General data

Rated current at 40°C	4 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	10 m
Stripping length of the free conductor end	50 mm

General characteristics

Surge voltage category	II
Pollution degree	3

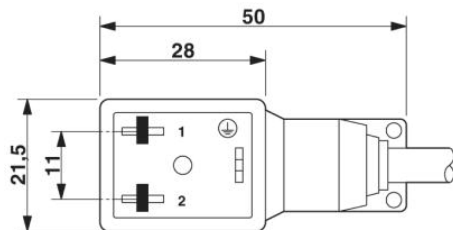
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Ag
Valve plug contact insert material	PBT
Material, housing, valve plug	PBT
Sealing material	TPU (Flat gasket valve plug)
Status display	No
Protective circuit/component	Not available

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

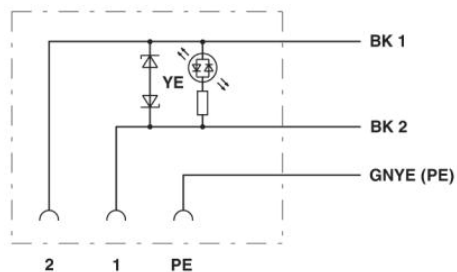
Drawings

Dimensioned drawing



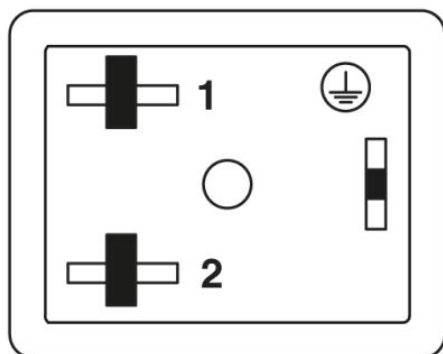
Valve connector, type BI

Circuit diagram



Contact assignment of the valve plug

Schematic diagram



Valve connector pin assignment, type BI