

Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Valve connector A, with 1 LED, connected with Z diode, cable length: 5 m

RoHS

Key Commercial Data

Packing unit	1
GTIN	
GTIN	4017918596057
Custom tariff number	85444290

Technical data

Dimensions

Length of cable	5 m
Stripping length of the free conductor end	50 mm

Ambient conditions

Degree of protection	IP67
----------------------	------

General

Rated current at 40°C	4 A
Rated voltage	110 V
Number of positions	3
Insulation resistance	≥ 100 MΩ
Status display	1 LED
Protective circuit/component	Z diode
Overvoltage category	II

Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509

Technical data

General

Degree of pollution	3
---------------------	---

Material

Flammability rating according to UL 94	HB
Valve plug contact material	CuSn
Valve plug contact surface material	Ag
Valve plug contact insert material	PBT
Material housing valve plug	PBT
Sealing material	TPU (Flat gasket valve plug)

Cable

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)
Wire colors	black 1, black 2, green/yellow
Overall twist	3 concentrically twisted wires
Length of twist, overall twist	83 mm
External sheath, color	black RAL 9005
External cable diameter	5.20 mm
Smallest bending radius, movable installation	62 mm
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 1 MΩ*km
Nominal voltage, cable	240 V
Test voltage, cable	2000 V

Standards and Regulations

Flammability rating according to UL 94	HB
----------------------------------------	----

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
------------	------------------------------------------------

Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509

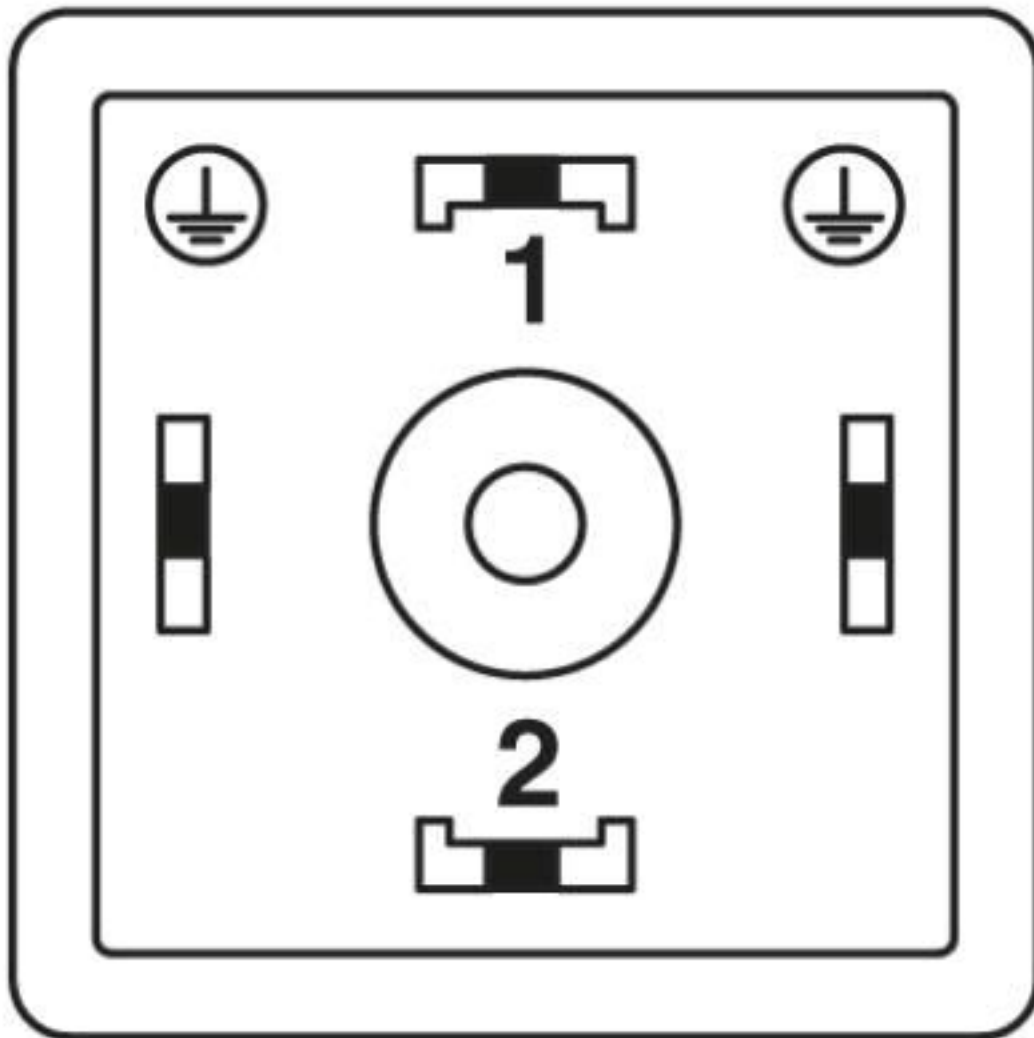
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
--	-----------------------------------------------------------------------------------------------------

Drawings

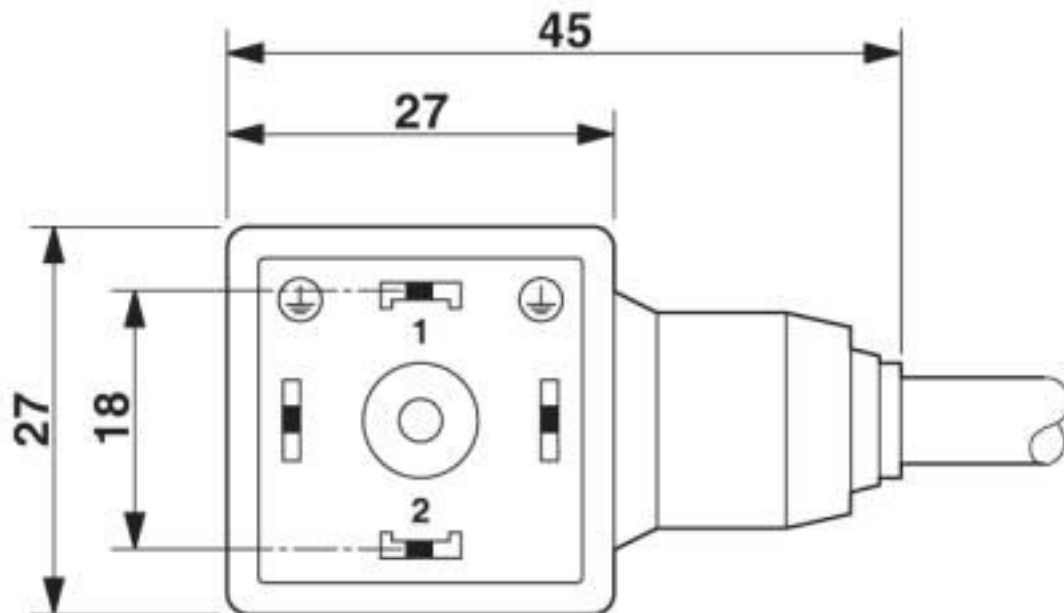
Schematic diagram



Valve connector pin assignment, type A

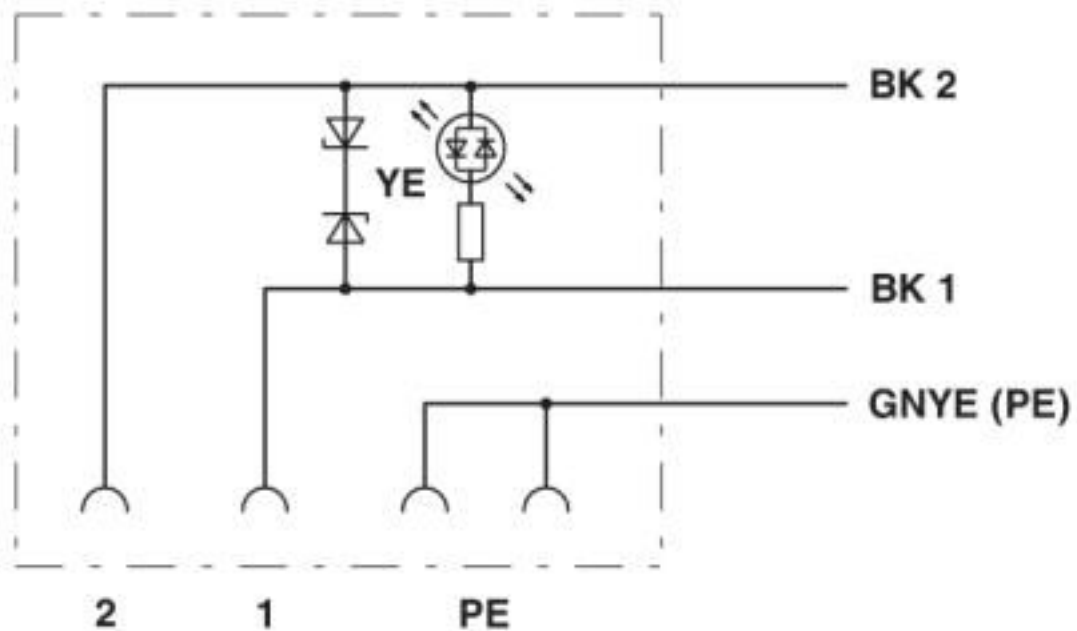
Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509

Dimensional drawing



Valve connector, type A

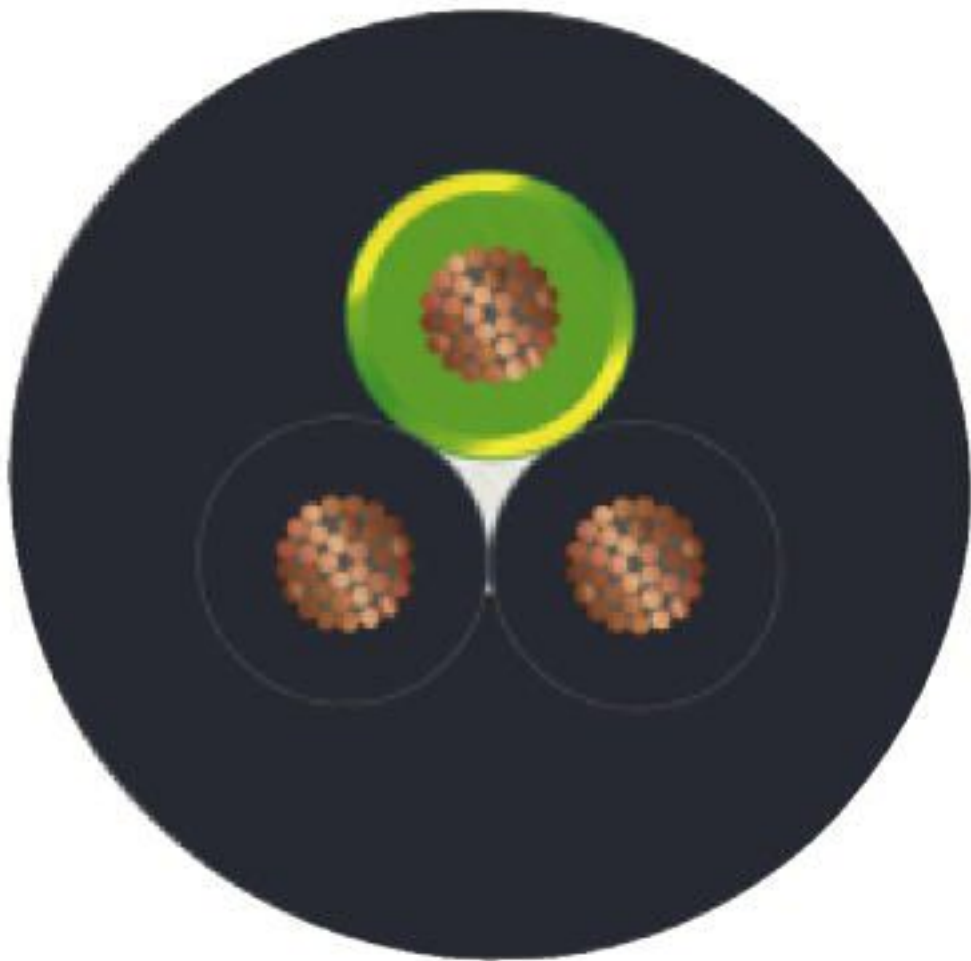
Circuit diagram



Contact assignment of the valve plug

Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509

Cable cross section



PUR halogen-free black [PUR]

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27279218

Sensor/actuator cable - SAC-3P- 5,0-PUR/A-1L-S 110V - 1500509

Classifications

eCl@ss

eCl@ss 9.0	27060312
------------	----------

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501