

## Sensor/Actuator cable - SAC-4P- 2,0-PVC/AD B-L - 1404791

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Sensor/Actuator cable, 4-position, PVC, Black RAL 9005, free cable end, on Valve connector AD (pressure switch), Cable length: 2 m

### Product Features

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Robust valve connector without protective circuit
- ✓ Our PVC cable for average mechanical strain



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	120.0 GRM
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	2 m
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#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 85 °C (valve plug)
Degree of protection	IP65
	IP67
	IP68

#### General

Rated current at 40°C	4 A
Rated voltage	230 V
Number of positions	4
Contact resistance	≤ 5 mΩ

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## Technical data

### General

Insulation resistance	≥ 100 MΩ
Standards/regulations	Valve connector EN 175301-803
Status display	No
Protective circuit/component	Unwired
Surge voltage category	III
Pollution degree	3
Torque	0.6 Nm (Valve connector)

### Material

Inflammability class according to UL 94	V0
Valve plug contact material	CuSn
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 6
Material housing valve plug	TPU
Sealing material	TPU (Seal molded)

### Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
UL AWM style	2464
Conductor cross section	4x 0.5 mm <sup>2</sup>
AWG signal line	20
Conductor structure signal line	16x 0.20 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Wire colors	Black 1, black 2, black 3, green/yellow
Overall twist	4 wires, twisted
External sheath, color	Black RAL 9005
External cable diameter D	5.2 mm ±0.2 mm
Minimum bending radius, fixed installation	5 x D
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	39 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	1200 V
Flame resistance	DIN VDE 0482

## Sensor/Actuator cable - SAC-4P- 2,0-PVC/AD B-L - 1404791

### Technical data

#### Cable

	DIN EN 50265-2-1
Resistance to oil	Almost oil-resistant
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

### Classifications

#### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27060300
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

#### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

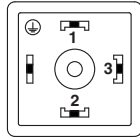
#### UNSPSC

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

### Drawings

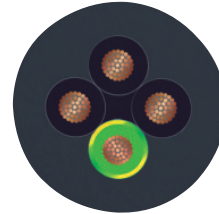
# Sensor/Actuator cable - SAC-4P- 2,0-PVC/AD B-L - 1404791

Schematic diagram



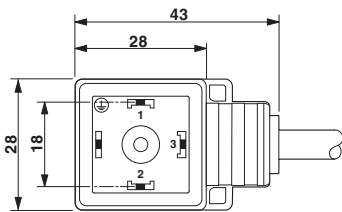
Valve plug connector pin assignment, type AD

Cable cross section



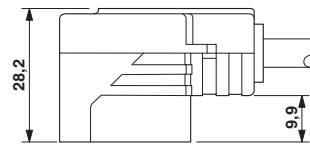
PVC black [PVC]

Dimensioned drawing



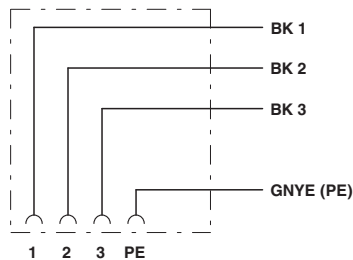
Valve connector, type AD

Dimensioned drawing



Valve connector, type AD, side view

Circuit diagram



Contact assignment of the valve plug