

## Sensor/Actuator cable - SAC-3P- 3,0-PVC/CI-1L-Z 110V - 1421771

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### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	140.0 g
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	3 m
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#### General

Rated current at 40°C	4 A
Rated voltage	110 V
Number of positions	3
Status display	1 LED
Protective circuit/component	Z diode
Overvoltage category	III
Degree of pollution	3

#### Material

Flammability rating according to UL 94	V0
Valve plug contact material	CuSn

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### Technical data

#### Material

Valve plug contact surface material	Sn
Valve plug contact insert material	PA 66
Material housing valve plug	TPU
Sealing material	TPU (Seal molded)

#### Standards and Regulations

Flammability rating according to UL 94	V0
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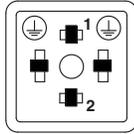
#### Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
UL AWM style	2464
Conductor cross section	3x 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, green/yellow
Overall twist	3 wires, twisted
External sheath, color	black RAL 9005
External cable diameter D	4.8 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
	DIN EN 50265-2-1
Resistance to oil	largely oil-resistant
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

### Drawings

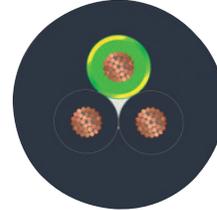
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Schematic diagram



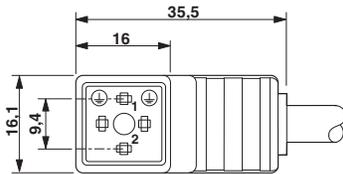
Valve connector connector pin assignment, type CI

Cable cross section



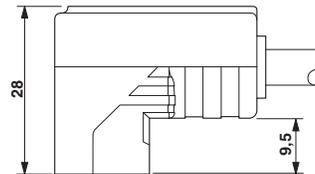
PVC black [PVC]

Dimensional drawing



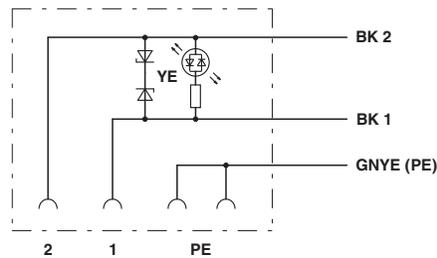
Valve connector, type CI

Dimensional drawing



Valve connector, type CI, side view

Circuit diagram



Contact assignment of the valve plug

## Classifications

eCl@ss

eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

ETIM

ETIM 5.0	EC001855
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### Approvals

Approvals

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Approvals

CSAus

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Ex Approvals

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Approvals submitted

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### Approval details

CSAus	
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	24 V

### Accessories

Accessories

Mounting material

Screw - SAC-V-SCREW-M3-29 KNURL - 1403779



Fillister head screw with plastic knurl, M3 x 40

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