

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

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Sensor/actuator cable, 3-position, PVC, black RAL 9005, cable length: 3 m



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 055626 279206
GTIN	4055626279206

Technical data

Dimensions

Length of cable	3 m
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General

Rated current at 40°C	4 A
Rated voltage	110 V AC 110 V DC
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
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 6.6
Material housing valve plug	TPU

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Technical data

Material

Sealing material	TPU (Seal molded)
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Standards and Regulations

Flammability rating according to UL 94	V0
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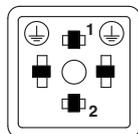
Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
UL AWM style	2464
Conductor cross section	3x 0.5 mm ²
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

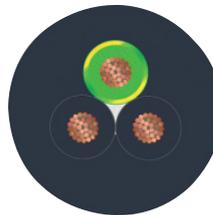
Sensor/actuator cable - SAC-3P- 3,0-PVC/CI-1L-Z 110V - 1421771

Schematic diagram



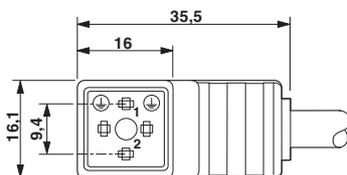
Valve connector connector pin assignment, type CI

Cable cross section



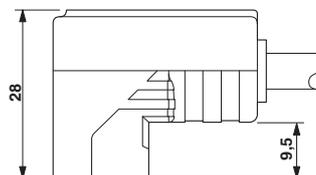
PVC black [PVC]

Dimensional drawing



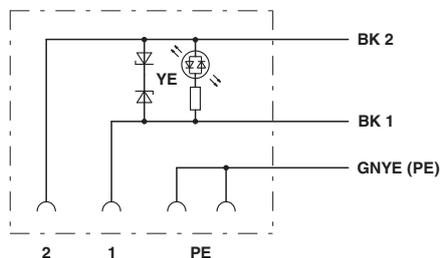
Valve connector, type CI

Dimensional drawing



Valve connector, type CI, side view

Circuit diagram



Contact assignment of the valve plug

Approvals

Approvals

Approvals

CSAus

Ex Approvals

Approval details

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Approvals

CSAus		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		24 V	
Nominal current IN		6 A	

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