

INDUSTRIAL COMPONENT DATA

SAC-2P- 5,0-PVC/BI-1L-Z 180 1413091 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-5,0-PVC/BI-1L-Z 180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-5,0-PVC/BI-1L-Z 180
Catalog number	1413091
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-20A1FE063D
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Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, free cable end, to BI Valve Connectors (11mm), with 1 LED, connected with Z-Diode, cable length: 5 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)
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Additional Product Information

Key Commercial Data

Orderkey 1413091

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356984300

Weight per Piece (excluding packing) 181.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -20 °C ... 85 °C (valve plug)

General

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

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

Sealing material TPU (Seal molded)

Standards and Regulations

Flammability rating according to UL 94 V0

Cable

Cable type PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464

Conductor cross section $2 \times 0.5 \text{ mm}^2$

AWG signal line 20

Conductor structure signal line $16 \times 0.20 \text{ mm}$ Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$

Wire colors brown, blue

External sheath, color black RAL 9005

External cable diameter $D 4.8 \text{ mm} \pm 0.2 \text{ mm}$ Minimum bending radius, fixed installation $5 \times D$ Cable weight 34.9 kg/km

Outer sheath, material PVC

Material conductor insulation PVC

Conductor material Bare Cu litz wires

Insulation resistance $\geq 20 \text{ M}\Omega \cdot \text{km}$ Conductor resistance $39 \text{ m}\Omega/\text{km}$ (at 20°C)

Nominal voltage, cable....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-5,0-PVC/BI-1L-Z 180 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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