

INDUSTRIAL COMPONENT DATA

SAC-3P-2,5-116/BI-1L-Z 180 1401887 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,5-116/BI-1L-Z 180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-2,5-116/BI-1L-Z 180
Catalog number	1401887
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1AE09E2A2E
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3 poles, PUR/PVC black RAL 9005, free cable end, bi-type valve connector, with 1 LED, connected with Z-diode, cable length: 2.5 m, contact insert 180°

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)**

Additional Product Information

Key Commercial Data

Orderkey 1401887

Packing unit 1

GTIN 4046356575522

Custom tariff number 85444290

Dimensions

Length of cable 2.5 m

Ambient conditions

Ambient temperature (operation) -20 °C ... 80 °C (valve plug)

Degree of protection IP67

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 II

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)

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR/PVC, 0.75 mm², black

Cable type (abbreviation) 116

Cable abbreviation LiYY11Y

UL AWM style 20549

Conductor cross section 3x 0.75 mm²

AWG signal line 18

Conductor structure signal line 24x 0.20 mm

Core diameter including insulation 1.7 mm $\pm 0.05 \text{ mm}$

Wire colors black 1, black 2, green/yellow

Overall twist 3 wires, twisted

External sheath, color black RAL 9005

External cable diameter D 5.8 mm $\pm 0.2 \text{ mm}$

Minimum bending radius, flexible installation 10 x D

Number of bending cycles 1000000

Traversing rate 2 m/s

Acceleration 2.5 m/s²

Outer sheath, material PUR

Material, inner sheath PVC

Material conductor insulation PVC

Conductor material Bare Cu litz wires

Insulation resistance $\geq 20 \text{ M}\Omega \cdot \text{km}$

Conductor resistanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,5-116/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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