

## INDUSTRIAL COMPONENT DATA

**SAC-3P- 1,5-116/A-1L-Z 1453371 PHOENIX CONTACT Cable for sensors/actuators, 3-poles, PUR/PVC, black RAL 9005..**

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-1,5-116/A-1L-Z      |
| Catalog number  | 1453371                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-88C5006EE6              |
| Generated       | 2026-08-06                 |

**Product Overview**

Cable for sensors/actuators, 3-poles, PUR/PVC, black RAL 9005, end of free cable, to valve Connector A, with 1 LED, connected with Z Diode, cable length: 1.5 m

Sensor/Actuator Cable, 3-Pole, Free Cable End, to Valve Connectors A, with 1 LED, Connected with Diode Z, Cable Length: 1.5 m

Sensor/actuator cable, 3-position, PUR/PVC, black RAL 9005, free cable end, on Valve connector A, with 1 LED, Wiring: Z diode, cable length: 1.5 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) |
|--------------|-------------------------------------------------------|

**Additional Product Information**

Technical dataProduct propertiesProduct type Sensor/actuator cable with valve connector

Number of positions 3

No. of cable outlets 1

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0

Seal material TPU

Material housing valve plug TPU

Contact material CuSn

Valve plug contact insert material PA 6.6  
Contact surface material Sn  
Electrical properties Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 24 V AC  
24 V DC  
Nominal current IN 4 A  
Signaling Status display 1 LED  
Status display present Yes  
Connector Connection 1  
Type free cable end  
Connection 2  
Type Valve connector A  
Number of positions 3  
Material CuSn (Contact)  
Sn (Contact surface)  
PA 6.6 (Contact carriers)  
TPU (Housing)  
Cable/line Cable length 1.5 m  
PUR/PVC, 0.75 mm<sup>2</sup>, black [116]  
Dimensional drawing  
Cable weight 53.4 kg/km  
UL AWM Style 20549  
Number of positions 3  
Shielded no  
Cable type PUR/PVC, 0.75 mm<sup>2</sup>, black [116]  
Conductor structure signal line 24x 0.20 mm  
AWG signal line 18  
Conductor cross section 3x 0.75 mm<sup>2</sup>  
Wire diameter incl. insulation 1.7 mm  $\pm 0.05 \text{ mm}$   
External cable diameter 5.80 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black RAL 9005  
Conductor material Bare Cu litz wires  
Material wire insulation PVC  
Single wire, color black 1, black 2, green/yellow  
Overall twist 3 wires, twisted  
Max. conductor resistance 26  $\Omega/\text{km}$  (at 20 °C)  
Insulation resistance  $\geq 20 \text{ M}\Omega \cdot \text{km}$   
Nominal voltage, cable 300 V  
Test voltage 1200 V  
Minimum....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-1,5-116/A-1L-Z with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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