

**INDUSTRIAL COMPONENT DATA**

# SAC-3P- 1,5-PUR/B-1L-R-ES 1401294 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-1,5-PUR/B-1L-R-ES



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-1,5-PUR/B-1L-R-ES   |
| Catalog number  | 1401294                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-6D1729FC9A              |
| Generated       | 2026-08-04                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, free cable end, to Valve connectors B (10mm), with 1 LED, connected to Free flow diode with holding current limiter, cable length: 1.5 m, with holding current limiter for energy reduction

Sensor/actuator cable, 3-pin, halogen-free, grey-black RAL 7021, free conductor end, on Valve connector B (10 mm), with 1 LED, Circuit: Damping diode with withstand current limiter, cable length: 1.5 m, with withstand current limiter for energy saving

**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 1401294

Packing unit 1 pc

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GTIN 4046356924559

Weight per Piece (excluding packing) 67.500 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 1.5 m

Central screw valve connector M3 x 28

Ambient conditions

Ambient temperature (operation) -25 °C ... 80 °C (valve plug)

Degree of protection IP67

General

Rated current at 40°C 1 A

Rated voltage 24 V DC ±20 %

Number of positions 3

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

Standards/regulations Valve connector EN 175301-803

Status display 1 LED

Protective circuit/component Freewheeling diode with holding current limiting device

Switch-over time approx. 200 ms (Initial operating time)

Clock frequency approx. 2500 Hz (Holding current limiting device)

Switching frequency max. 5 Hz (Connected valve)

Material

Valve plug contact material CuSn

Valve plug contact surface material Ag

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Sealing material TPU (Seal molded)

Standards and Regulations

Standard designation Valve connector

Standards/regulations EN 175301-803

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549

Conductor cross section  $3 \times 0.5 \text{ mm}^2$

AWG signal line 20

Conductor structure signal line  $28 \times 0.15 \text{ mm}$

Core diameter including insulation  $1.5 \text{ mm} \pm 0.05 \text{ mm}$  (Signal line)

Wire colors black 1, black 2, green/yellow

Overall twist 3 wires, twisted

External sheath, c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-1,5-PUR/B-1L-R-ES 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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