

**INDUSTRIAL COMPONENT DATA**

# SAC-3P- 2,5-PUR/A-1L-R 1405189 PHOENIX CONTACT

## Sensor/actuator cable SAC-3P- 2,5-PUR/A-1L-R 1405189

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,5-PUR/A-1L-R



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-2,5-PUR/A-1L-R      |
| Catalog number  | 1405189                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-8C1BEB0ECA              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable - SAC-3P- 2,5-PUR/A-1L-R - 1405189

Sensor/actuator cable, 3-pole halogen-free, free cable end, to Valve connectors A, with 1 LED, connected to free-flowing diode, cable length: 3 m

Sensor/actuator cable, 3-pole, halogen-free, grey-black RAL 7021, free conductor end, on Valve connector A, with 1 LED, Circuit: Damping diode, cable length: 3 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

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Valve connector A, with 1 LED, connected with Damping diode, cable length: 3 m

Key Commercial Data

Orderkey 1405189

Packing unit 1

GTIN 4046356735650

Custom tariff number 85444290

Dimensions

Length of cable 3 m

Ambient conditions

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

Degree of protection IP65

IP67

General

Rated current at 40°C 2 A

Rated voltage 24 V DC

24 V DC

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 Damping diode

Overvoltage category III

Degree of pollution 3

Torque 0.6 Nm (Valve connector)

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

Standard designation Valve connector

Standards/regulations EN 175301-803

Flammability rating according to UL 94 V0

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, color black-gray RAL 7021...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,5-PUR/A-1L-R 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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