

**INDUSTRIAL COMPONENT DATA**

# SAC-3P- 7,5-PUR/A-1L-Z 1401676 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-7,5-PUR/A-1L-Z



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-7,5-PUR/A-1L-Z      |
| Catalog number  | 1401676                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-4AB99FA628              |
| Generated       | 2026-08-05                 |

## Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole halogen-free, free cable end, to A Valve Connectors, with 1 LED, connected to Z-Diode, cable length: 7.5 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

Key Commercial Data

Orderkey 1401676

Packing unit 1

GTIN 4046356569132

Custom tariff number 85444290

Dimensions

Length of cable 7.5 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 24 V AC  
24 V DC  
Number of positions 3  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
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 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  
External cable diameter  $D 4.5 \text{ mm} \pm 0.2 \text{ mm}$   
Smallest bending radius, fixed installation 22.5 mm  
Number of bending cycles 15000000  
Bending radius 50 mm  
Traversing path 0.9 m  
Traversing rate 5 m/s  
Acceleration  $30 \text{ m/s}^2$   
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation res...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-7,5-PUR/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

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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