

## INDUSTRIAL COMPONENT DATA

# SAC-3P-5,0-PUR/A-1L-R-ES 1413116 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-PUR/A-1L-R-ES



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-5,0-PUR/A-1L-R-ES   |
| Catalog number  | 1413116                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-9235B5DC73              |
| Generated       | 2026-08-04                 |

## Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, free cable end, to Valve Connectors A, with 1 LED, connected to Free Flow Diode with holding current limiter, cable length: 5 m, with holding current limiter for energy reduction

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Valve connector A, with 1 LED, Wiring: Freewheeling diode with holding current limiting device, cable length: 5 m, with holding current limiting device for energy reduction

## 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

Application Standard

Number of positions 3

No. of cable outlets 1

Shielded no

Data management status

Article revision 01

Material specificationsSeal material TPU

Material housing valve plug TPU

Contact material CuSn

Valve plug contact insert material PA 6.6  
Contact surface material Ag  
Electrical properties Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 24 V DC  $\pm 20 \%$   
Nominal current IN 1 A  
Valve connector characteristics  
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)  
Fixing screws M3 x 28  
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)  
Ag (Contact surface)  
PBT (Contact carriers)  
TPU (Housing)  
Cable/line Cable length 5 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 30 kg/km  
UL AWM Style 20549  
Number of positions 3  
Shielded no  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 28x 0.15 mm  
AWG signal line 20  
Conductor cross section 3x 0.5 mm<sup>2</sup>  
Wire diameter incl. insulation 1.5 mm  $\pm 0.05 \text{ mm}$  (Signal line)  
External cable diameter 4.50 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material wire insulation PP  
Single wire, color black 1,...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PUR/A-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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