

## INDUSTRIAL COMPONENT DATA

# SAC-3P-MR/7,5-PUR/BI-1L-Z SCO 1438901 PHOENIX CONTACT Cable for sensors/actuators

## SAC-3P-MR/7,5-PUR/BI-1L-Z ..

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



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-3P-MR/7,5-PUR/BI-1L-Z SCO |
| Catalog number  | 1438901                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-A7D2CFD6F4                 |
| Generated       | 2026-08-06                    |

## Product Overview

Cable for sensors/actuators - SAC-3P-MR/7,5-PUR/BI-1L-Z SCO - 1438901

Sensor/actuator cable, 3-pole halogen-free, M12 angled connector, coding: A SPEEDCON, with 1 LED, connected with Diode Z, to BI valve connectors (11mm), with 1 LED, connected with Diode Z, cable length: 7.5 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, coding: A, with 1 LED, on Valve connector BI (11 mm), with 1 LED, Wiring: 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

Technical dataProduct propertiesProduct type Sensor/actuator cable with valve connector

Number of positions 3

No. of cable outlets 1

Coding A

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material TPU

Material housing valve plug TPU  
Material of grip body TPU  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Contact material CuSn  
Valve plug contact insert material PA 6.6  
Contact surface material Sn  
Material for screw connection Zinc die-cast, nickel-plated  
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 Plug angled M12 SPEEDCON  
Number of positions 3  
Locking type SPEEDCON  
Coding type A  
Connection 2  
Type Valve connector BI (11 mm)  
Number of positions 3  
Material CuSn (Contact)  
Sn (Contact surface)  
PA 6.6 (Contact carriers)  
TPU (Housing)  
Cable/line Cable length 7.5 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 mater...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MR/7,5-PUR/BI-1L-Z SCO 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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