

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M8MS/0,30PUR/BI-1L-Z180 1420745 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-3P-M8MS/0,30PUR/BI-1L-Z180 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/0,30PUR/BI-1L-Z180



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M8MS/0,30PUR/BI-1L-Z180 |
| Catalog number  | 1420745                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-BADE1FF904                  |
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## Product Overview

Sensor/actuator cable - SAC-3P-M8MS/0,30PUR/BI-1L-Z180 - 1420745

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 0.3 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 &gt; 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

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, hardly inflammable, self-extinguishing  
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 straight M8  
Coding type A  
Connection 2  
Type Valve connector BI (11 mm)  
Material CuSn (Contact)  
Sn (Contact surface)  
PA 6.6 (Contact carriers)  
TPU (Housing)  
Cable/line Cable length 0.3 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 23 kg/km  
UL AWM Style 20549  
Number of positions 3  
Shielded no  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section  $3 \times 0.34 \text{ mm}^2$  (Signal line)  
Wire diameter incl. insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)  
External cable diameter  $3.85 \text{ mm} \pm 0.15 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/0,30PUR/BI-1L-Z180 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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