

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M 8MS/ 1,5-PUR/M 8FS 1681923 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 1,5-PUR/M 8FS



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M 8MS/ 1,5-PUR/M 8FS |
| Catalog number  | 1681923                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-D9266C19F2               |
| Generated       | 2026-08-02                  |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, M8 straight connector, encoding: A, to M8 straight female, cable length: 1.5 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on Socket straight M8, coding: A, cable length: 1.5 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard

Number of positions 3

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Material for screw connection Zinc die-cast, nickel-plated  
Electrical properties Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Mechanical properties Mechanical data  
Insertion/withdrawal cycles  $\geq 100$   
Signaling Status display no  
Status display present No  
Connection data Conductor connection  
Tightening torque 0.2 Nm (M8 connectors)  
Connector Connection 1  
Type Plug straight M8  
Number of positions 3  
Coding type A  
Connection 2  
Type Socket straight M8  
Number of positions 3  
Coding type A  
Cable/line Cable length 1.5 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 18 kg/km  
UL AWM Style 20549 / 10493 (80°C/300 V)  
Number of positions 3  
Shielded no  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 32x 0.10 mm  
AWG signal line 24  
Conductor cross section 3x 0.25 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1.17 mm  $\pm 0.02 \text{ mm}$   
External cable diameter 3.60 mm  $\pm 0.15 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu li...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 1,5-PUR/M 8FS 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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