

## INDUSTRIAL COMPONENT DATA

**SAC-3P-M8MS/4,0-PUR/4PM12FS 42 1422320 PHOENIX  
CONTACT Sensor/actuator cable  
SAC-3P-M8MS/4,0-PUR/4PM12FS 42 ..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/4,0-PUR/4PM12FS 42



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M8MS/4,0-PUR/4PM12FS 42 |
| Catalog number  | 1422320                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-08D5ECD13F                  |
| Generated       | 2026-08-04                     |

## Product Overview

Sensor/actuator cable - SAC-3P-M8MS/4,0-PUR/4PM12FS 42 - 1422320

Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, M8 straight male connector, to M12 straight connection female, encoding: A, cable length: 4 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on Socket straight M12, coding: A, cable length: 4 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

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  
Outer sheath, material PUR  
Conductor material Bare Cu litz wires  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Max. conductor resistance  $77.6 \text{ m}\Omega/\text{m}$   
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
Max. bending cycles 4000000  
SignalingStatus display no  
Status display present No  
ConnectorConnection 1  
Type Plug straight M8  
Number of positions 3  
Coding type A  
Connection 2  
Type Socket straight M12  
Number of positions 3  
Coding type A  
Cable/lineCable length 4 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/4,0-PUR/4PM12FS 42 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.