

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M 8MR/0,3-PUR/M12FR 1682427 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MR/0,3-PUR/M12FR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-M 8MR/0,3-PUR/M12FR |
| Catalog number  | 1682427                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-CCEB080C7B              |
| Generated       | 2026-08-04                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, M8 angled connector, coding: A, to M12 angled female, coding: A, cable length: 0.3 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug angled M8, coding: A, on Socket angled M12, coding: A, 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 > 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 propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles  $\geq 100$

SignalingStatus display no

Status display present No

Connection dataConductor connection

Tightening torque 0.4 Nm (M12 connector)

0.2 Nm (M8 connectors)

ConnectorConnection 1

Type Plug angled M8

Number of positions 3

Coding type A

Connection 2

Type Socket angled M12

Number of positions 3

Coding type A

Cable/lineCable length 0.3 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  $\pm 0.02$  mm

External cable diameter 3.60 mm  $\pm 0.15$  mm

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MR/0,3-PUR/M12FR 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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