

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M12Y/2X3,0-PUR/M 8FR 1671409 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X3,0-PUR/M 8FR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M12Y/2X3,0-PUR/M 8FR |
| Catalog number  | 1671409                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-FCD5372E06               |
| Generated       | 2026-08-04                  |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A, to Elbow Female M8, coding: A and Elbow Female M8, coding: A, cable length: 3 m

Sensor/actuator cable, 3-pin, halogen-free, grey-black RAL 7021, straight male M12, coding: A, on angled socket M8, coding: A and angled socket M8, coding: A, cable length: 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

Key Commercial Data

Orderkey 1671409

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4017918135232

Weight per Piece (excluding packing) 127.200 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

**Ambient conditions**

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

**General**

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

M8 connector IEC 61076-2-104

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Torque 0.4 Nm (M12 connector)

0.2 Nm (M8 connectors)

**Material**

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

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

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

**Standards and Regulations**

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Standard designation M8 connector

Standards/regulations IEC 61076-2-104

Flammability rating according to UL 94 HB

**Cable**

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549

Conductor cross section  $3 \times 0.25 \text{ mm}^2$

AWG signal line 24

Conductor structure signal line  $32 \times 0.10 \text{ mm}$

Core diameter including insul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X3,0-PUR/M 8FR 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

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