

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12Y/2X0,45-PUR/M12FS 1630373 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, greyis..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,45-PUR/M12FS



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-3P-M12Y/2X0,45-PUR/M12FS |
| Catalog number  | 1630373                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 50 Pcs                       |
| Document ID     | EO-6D8C3DCA35                |
| Generated       | 2026-08-03                   |

## Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, coding: A, to Straight female M12, coding: A and Straight female M12, coding: A, cable length: 0.45 m

Cable for sensors/actuators

Sensor/actuator cable, 3-position, Plug straight M12, coding: A, on Socket straight M12, coding: A and Socket straight M12, coding: A, cable length: 0.45 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 Distributor with cable

Number of positions 3

No. of cable outlets 2

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Connection dataPin assignment

Contact | Color (signal designation) | Contact (optional) 1 (Plug) | BN | 4 (Socket 1)

1 (Plug) | BN | 3 (Socket 2)

3 (Plug) | BU | 3 (Socket 1)

4 (Plug) | BK | 4 (Socket 2)

Material specifications Flammability 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 Contact resistance  $\leq 5 \text{ m}\Omega$

Insulation resistance  $\geq 10 \text{ G}\Omega$

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

Connector Connection 1

Type Plug straight M12

Coding type A

Connection 2

Type Socket straight M12

Coding type A

Connection 3

Type Socket straight M12

Coding type A

Cable/line Cable length 0.45 m

PUR halogen-free black [PUR]

Dimensional drawing

Shielded no

UL AWM Style 20549

Cable weight 23 kg/km

Cable type PUR halogen-free black

Short symbol Li9Y11Y

Cable type (abbreviation) PUR

External cable diameter 3.85 mm  $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Conduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,45-PUR/M12FS 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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