

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M12Y/2X0,3-PUR/M12FR 1077308 PHOENIX CONTACT

## Sensor/actuator cable SAC-3P-M12Y/2X0,3-PUR/M12FR 1077308

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,3-PUR/M12FR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M12Y/2X0,3-PUR/M12FR |
| Catalog number  | 1077308                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 100 Pcs                     |
| Document ID     | EO-BA902366B4               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable - SAC-3P-M12Y/2X0,3-PUR/M12FR - 1077308

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket angled M12, coding: A and 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 &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

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  
Signaling Status display no  
Status display present No  
Connector Connection 1  
Type Plug straight M12  
Coding type A  
Connection 2  
Type Socket angled M12  
Coding type A  
Connection 3  
Type Socket angled M12  
Coding type A  
Cable/line Cable length 0.3 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 23 kg/km  
UL AWM Style 20549  
Number of positions 3  
Shielded no  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section  $3 \times 0.34 \text{ mm}^2$  (Signal line)  
Wire diameter incl. insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)  
External cable diameter  $3.85 \text{ mm} \pm 0.15 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material wire insulation PP  
Single wire, color brown, blue, black  
Thickness, insulation  $\geq 0.21 \text{ mm}$  (Core insulation)  
approx.  $0.50 \text{ mm}$  (Outer cable sheath)  
Overall...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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