

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12FS/ 0,4-PUR/M12FS SH 1420031 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12FS/ 0,4-PUR/M12FS SH ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12FS/ 0,4-PUR/M12FS SH



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M12FS/ 0,4-PUR/M12FS SH |
| Catalog number  | 1420031                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-54C0F66258                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-4P-M12FS/ 0,4-PUR/M12FS SH - 1420031

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, Straight connection female M12, coding: A, a Straight connection female M12, coding: A, cable length: 0.4 m

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Socket straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.4 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 > Industrial Field Connectivity (IFC) |
|--------------|-------------------------------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 4

No. of cable outlets 1

Shielded yes

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  
ConnectorConnection 1  
Type Socket straight M12  
Number of positions 4  
Coding type A  
Connection 2  
Type Socket straight M12  
Number of positions 4  
Coding type A  
Cable/lineCable length 0.4 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 36 kg/km  
UL AWM Style 20549 / 10493 (80°C/300 V)  
Number of positions 4  
Shielded yes  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section 4x 0.34 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1.27 mm  $\pm 0.02 \text{ mm}$  (Signal line)  
External cable diameter 4.95 mm  $\pm 0.2 \text{ mm}$   
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, white, blue, bla...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12FS/ 0,4-PUR/M12FS SH 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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