

## INDUSTRIAL COMPONENT DATA

# SAC-4P-P12MS/ 0,3-PUR/P12FS SH 1476881 PHOENIX CONTACT Sensor/actuator cable, 4-pole, halogen-free PUR, grey..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-P12MS/ 0,3-PUR/P12FS SH



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-P12MS/ 0,3-PUR/P12FS SH |
| Catalog number  | 1476881                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-34692B9571                  |
| Generated       | 2026-08-04                     |

## Product Overview

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), M12 Push-pull straight connector, coding: A, a M12 Push-pull straight female, coding: A, cable length: 0.3 m

Cable for sensors/actuators

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12 Push Pull, coding: A, connected with unwired, on Socket straight M12 Push Pull, 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 dataMountingConnection method Push-Pull

Product propertiesProduct type Sensor/actuator cable

Number of positions 4

Application Standard

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II  
Degree of pollution 3  
Material specifications Flammability rating according to UL 94 V0  
Outer sheath, material PUR  
Conductor material Bare Cu litz wires  
Electrical properties Contact resistance  $\leq 5 \text{ m}\Omega$   
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Protective circuit unwired  
Max. conductor resistance  $58 \text{ m}\Omega/\text{km}$   
Mechanical properties Mechanical data  
Insertion/withdrawal cycles  $\geq 100$   
Max. bending cycles 10000000  
Signaling Status display No  
Status display present No  
Connection data Connection technology  
Connection method Push-Pull  
Conductor connection  
Connection method Push-Pull  
Connector Connection 1  
Type Plug straight M12 Push Pull  
Number of positions 4  
Locking type Push Pull  
Coding type A  
Connection 2  
Type Socket straight M12 Push Pull  
Number of positions 4  
Locking type Push Pull  
Coding type A  
Cable/line Cable length 0.3 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-P12MS/ 0,3-PUR/P12FS 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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