

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-P12MS/ 1,5-PUR SH 1476855 PHOENIX CONTACT

## Sensor/actuator cable, 4-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-P12MS/ 1,5-PUR SH



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-P12MS/ 1,5-PUR SH   |
| Catalog number  | 1476855                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-D6B20D175D              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), Straight M12 Push-pull connector, coding: A, to free cable end, cable length: 1.5 m

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12 Push Pull, coding: A, on free cable end, cable length: 1.5 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 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 specificationsFlammability rating according to UL 94 V0

Outer sheath, material PUR

Conductor material Bare Cu litz wires  
Electrical propertiesContact 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 propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
Max. bending cycles 10000000  
SignalingStatus display No  
Status display present No  
Connection dataConnection technology  
Connection method Push-Pull  
Conductor connection  
Connection method Push-Pull  
ConnectorConnection 1  
Type Plug straight M12 Push Pull  
Locking type Push Pull  
Coding type A  
Connection 2  
Type free cable end  
Cable/lineCable length 1.5 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 materi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-P12MS/ 1,5-PUR 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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