

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/1,0-PUR/M12FR SH5 1401031 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/1,0-PUR/M12FR SH5



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/1,0-PUR/M12FR SH5 |
| Catalog number  | 1401031                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-7780C44A24                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, cable length: 1 m, Display to PIN5

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, Straight connector M12, coding: A, to Elbow female M12, coding: A, cable length: 1 m, Display to PIN5

**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

Key Commercial Data

Orderkey 1401031

Packing unit 1

GTIN 4046356518055

Custom tariff number 85444290

Dimensions

Length of cable 1 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A  
Rated voltage 48 V AC  
60 V DC  
Number of positions 5  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Status display No  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
Material  
Flammability rating according to UL 94 HB  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Material of grip body TPU, hardly inflammable, self-extinguishing  
Material, knurls Zinc die-cast, nickel-plated  
Sealing material NBR  
Standards and Regulations  
Flammability rating according to UL 94 HB  
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y-V1-C-V1-11Y  
UL AWM style 20549 / 10493 (80°C/300 V)  
Conductor cross section  $4 \times 0.34 \text{ mm}^2$  (Signal line)  
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)  
Thickness, insulation  $\geq 0.21 \text{ mm}$   
Wire colors brown, white, blue, black  
Overall twist 4 wires, twisted  
Shielding Tinned copper braided shield  
Optical shield covering 80 %  
External sheath, color black-gray RAL 7021  
Outer sheath thickness approx. 0.5 mm  
External cable diameter  $D 4.95 \text{ mm} \pm 0.2 \text{ mm}$   
Minimum bending radius, fixed installation  $5 \times D$   
Minimum bending radius, flexible installation  $10 \times D$   
Number of bending cycles 1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/1,0-PUR/M12FR SH5 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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