

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/ 4,0-PUR/M12FS SH 1511569 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 4,0-PUR/M12FS SH



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/ 4,0-PUR/M12FS SH |
| Catalog number  | 1511569                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-FFBF7650CA                  |
| Generated       | 2026-08-05                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free, greyish-black RAL 7021, shielded, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 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

Key Commercial Data

Orderkey 1511569

Packing unit 5 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4017918905866

Weight per Piece (excluding packing) 213.500 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 4 m

Ambient conditions

Degree of protection IP67

**General**

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

Coding A - standard

Status display No

Insertion/withdrawal cycles  $\geq 100$ **Material**

Contact material CuSn

Contact surface material Ni/Au

**Cable**

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y

UL AWM style 20549

Conductor cross section 5x 0.34 mm<sup>2</sup> (Signal line)

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.27 mm  $\pm 0.02$  mm (Signal line)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

Shielding Tinned copper braided shield

Optical shield covering 80 %

External sheath, color black RAL 9005

External cable diameter D 5.25 mm  $\pm 0.2$  mm

Smallest bending radius, fixed installation 26 mm

Smallest bending radius, movable installation 52 mm (up to +60°C)

Number of bending cycles 10000000

Bending radius 52 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s<sup>2</sup>

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance 70 G $\Omega$ \*km (at 20 °C)Conductor resistance max. 57  $\Omega$ /km (at 20 °C)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 4,0-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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