

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/2,0-PUR/M12FS LUP 1568936 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/2,0-PUR/M12FS LUP



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/2,0-PUR/M12FS LUP |
| Catalog number  | 1568936                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-599F71718A                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, grayish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 2 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 1568936

Packing unit 1 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4046356334655

Weight per Piece (excluding packing) 150.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP65

IP67

IP68

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

UL AWM style 20549

Conductor cross section  $5 \times 0.34 \text{ mm}^2$  (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 approx.  $0.5 \text{ mm}$

Wire colors brown, white, blue, black, green-yellow

External sheath, color black-gray RAL 7021

External cable diameter  $D 4.55 \text{ mm} \pm 0.15 \text{ mm}$

Smallest bending radius, fixed installation  $23 \text{ mm}$

Smallest bending radius, movable installation  $46 \text{ mm}$

Number of bending cycles 10000000

Bending radius 5...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/2,0-PUR/M12FS LUP 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.