

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-MS/10,0-PUR/FS SCO 1413171 PHOENIX CONTACT

## Sensor/actuator cable SAC-5P-MS/10,0-PUR/FS SCO 1413171

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/10,0-PUR/FS SCO



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-MS/10,0-PUR/FS SCO  |
| Catalog number  | 1413171                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-23A3307330              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable - SAC-5P-MS/10,0-PUR/FS SCO - 1413171

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, M12 SPEEDCON straight male connector, coding: A-coded, to M12 SPEEDCON straight connection female, coding: A-coded, cable length: 10 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

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, cable length: 10 m

Key Commercial Data

Orderkey 1413171

Packing unit 1

GTIN 4046356990172

Custom tariff number 85444290

Dimensions

Length of cable 10 m

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  
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  $50 \text{ mm}$   
Traversing path  $10 \text{ m}$   
Traversing rate  $3 \text{ m/s}$   
Acceleration....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/10,0-PUR/FS SCO 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.