

## INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MS/10,0-28X SH OD 1407281 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/10,0-28X SH OD



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-8P-M12MS/10,0-28X SH OD |
| Catalog number  | 1407281                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-949C415706               |
| Generated       | 2026-08-05                  |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 10 m, for outdoor applications, with stainless steel knurling

Sensor/actuator cable, 8-position, PE-X/PE-X halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on free cable end, cable length: 10 m, for outdoor applications, with high-grade steel knurl

## 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application External areas

Number of positions 8

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0

Material of grip body PP

Contact material CuSn

Contact surface material Ni/Au  
Contact carrier material PP  
Material for screw connection Stainless steel  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 30 V AC  
30 V DC  
Nominal current IN 2 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
Connection dataConductor connection  
Tightening torque 0.4 Nm (M12 connector)  
ConnectorConnection 1  
Type Plug straight M12  
Number of positions 8  
Coding type A  
Connection 2  
Type free cable end  
Cable/lineCable length 10 m  
PE-X black [28X]  
Dimensional drawing  
Cable weight 81 kg/km  
Number of positions 8  
Shielded yes  
Cable type PE-X black [28X]  
Conductor structure signal line 32x 0.10 mm  
AWG signal line 24  
Conductor cross section 8x 0.25 mm<sup>2</sup>  
Wire diameter incl. insulation 1.17 mm  $\pm 0.02 \text{ mm}$   
External cable diameter 7.25 mm  $\pm 0.3 \text{ mm}$   
Outer sheath, material PE-X  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material, filler PP yarn  
Material wire insulation PE-X  
Single wire, color white, brown, green, yellow, gray, pink, blue, red  
Thickness, insulation approx. 0.25 mm (Core insulation)  
Inner sheath thickne...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/10,0-28X SH OD 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.