

**INDUSTRIAL COMPONENT DATA**

# SAC-8P- 1,0-28X/M12FS OD 1414285 PHOENIX CONTACT

## Sensor/actuator cable SAC-8P- 1,0-28X/M12FS OD 1414285

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-1,0-28X/M12FS OD



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-8P-1,0-28X/M12FS OD    |
| Catalog number  | 1414285                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-C07029CB09              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable - SAC-8P- 1,0-28X/M12FS OD - 1414285

Sensor/actuator cable, 8-pole, halogen-free PE-X, greyish black RAL 7021, free cable end, to Straight connection female M12, coding: A, cable length: 1 m, for outdoor applications, with stainless steel knurling

**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, 8-position, PE-X halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12, A-coded, cable length: 1 m, for outdoor applications, with high-grade steel knurl

Key Commercial Data

Orderkey 1414285

Packing unit 1

GTIN 4055626023236

Custom tariff number 85444290

Dimensions

Length of cable 1 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

-40 °C ... 85 °C (On sudden changes in temperature (according to IEC 60512-11-4))

Degree of protection IP65

IP67  
IP68  
IP69K  
General  
Rated current at 40°C 2 A  
Rated voltage 30 V AC  
30 V DC  
Number of positions 8  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Status display No  
Protective circuit/component unwired  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm (M12 connector)  
Material  
Flammability rating according to UL 94 V0  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PP  
Material of grip body PP  
Material, knurls Stainless steel  
Sealing material FPM  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Flammability rating according to UL 94 V0  
Cable  
Cable type PE-X black  
Cable type (abbreviation) 28X  
Cable abbreviation Li2X2X  
Conductor cross section  $8 \times 0.25 \text{ mm}^2$   
AWG signal line 24  
Conductor structure signal line  $32 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.17 \text{ mm} \pm 0.02 \text{ mm}$   
Thickness, insulation approx.  $0.25 \text{ mm}$  (Core....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-1,0-28X/M12FS 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

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