

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MS/ 5,0-28X OD 1454053 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 5,0-28X OD



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-M12MS/ 5,0-28X OD   |
| Catalog number  | 1454053                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-6B34E62F69              |
| Generated       | 2026-08-01                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PE-X, greyish black RAL 7021, M12 straight male connector, coding: A, to free cable end, cable length: 5 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

Key Commercial Data

Orderkey 1454053

Packing unit 1 pc

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GTIN 4046356568661

Weight per Piece (excluding packing) 231.500 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 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 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 4

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

Overvoltage category II

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  $4 \times 0.5 \text{ mm}^2$  (Signal line)

AWG signal line 20

Conductor structure signal line  $28 \times 0.15 \text{ mm}$

Core diameter including insulation  $1.6 \text{ mm} \pm 0.05 \text{ mm}$  (Signal line)

Thickness, insulation approx.  $0.3 \text{ mm}$  (Core insulation)

approx.  $0.6 \text{ mm}$  (Outer...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 5,0-28X 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

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