

## INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MS/30-28X/M12FSSHOD 1405961 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-8P-M12MS/30-28X/M12FSSHOD 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/30-28X/M12FSSHOD



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-8P-M12MS/30-28X/M12FSSHOD |
| Catalog number  | 1405961                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 25 Pcs                        |
| Document ID     | EO-A492B1F031                 |
| Generated       | 2026-08-06                    |

## Product Overview

Sensor/actuator cable - SAC-8P-M12MS/30-28X/M12FSSHOD - 1405961

Sensor/actuator cable, 8-pole, halogen-free PE-X/PE-X, black-grey RAL 7021, shielded, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 30 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 Socket straight M12, coding: A, cable length: 30 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 > 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 specifications Flammability rating according to UL 94 V0

Seal material FPM

Material of grip body PP

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PP

Material for screw connection Stainless steel

Electrical properties Insulation resistance  $\geq 100 \text{ M}\Omega$

Nominal voltage UN 30 V AC

30 V DC

Nominal current IN 2 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles  $\geq 100$

Signaling Status display no

Status display present No

Connection data Conductor connection

Tightening torque 0.4 Nm (M12 connector)

Connector Connection 1

Type Plug straight M12

Number of positions 8

Coding type A

Connection 2

Type Socket straight M12

Number of positions 8

Coding type A

Cable/line Cable length 30 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, insula...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/30-28X/M12FSSHOD 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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