

## INDUSTRIAL COMPONENT DATA

# SAC-3P-10,0-28R/FS SCO RAIL 1407305 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-28R/FS SCO RAIL



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-10,0-28R/FS SCO RAIL |
| Catalog number  | 1407305                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-54CB47B0B5               |
| Generated       | 2026-08-05                  |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, shielded, free cable end, to straight female M12, coding: A SPEEDCON, cable length: 10 m, For railway applications

Sensor/actuator cable, 3-position, PE-X halogen-free, black, shielded, free cable end, on Socket straight M12 SPEEDCON, coding: A, cable length: 10 m, For railway applications

## 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 dataNotesGeneral Further products with variable cable type and variable cable length can be found in the accessories section

Product propertiesProduct type Sensor/actuator cable

Application Railway applications

Number of positions 3

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Seal material NBR

Material of grip body PA 6.6

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA 6.6

Material for screw connection Zinc die-cast, nickel-plated

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 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 free cable end

Connection 2

Type Socket straight M12 SPEEDCON

Number of positions 3

Locking type SPEEDCON

Coding type A

Cable/line Cable length 10 m

Shielded black RADOX® [28R]

Dimensional drawing

Cable weight 51 kg/km

Number of positions 3

Shielded yes

Cable type Shielded black RADOX® [28R]

Conductor structure signal line 19x 0.18 mm

AWG signal line 20

Conductor cross section 3x 0.5 mm<sup>2</sup>

Wire diameter incl. insulation 1.43 mm

External cable diameter 5.30 mm  $\pm 0.3 \text{ mm}$

Outer sheath, material PE-X

External sheath, color black

Conductor material...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-28R/FS SCO RAIL 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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