

INDUSTRIAL COMPONENT DATA

SAC-3P-MR/ 5,0-28R SCO RAIL 1407300 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MR/ 5,0-28R SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MR/ 5,0-28R SCO RAIL
Catalog number	1407300
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-8A83662DF2
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, shielded, M12 angled connector, coding: A SPEEDCON, to free cable end, cable length: 5 m, For railway applications

Sensor/actuator cable, 3-position, PE-X halogen-free, black, shielded, Plug angled M12 SPEEDCON, coding: A, on free cable end, cable length: 5 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)
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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

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 ≥ 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 angled M12 SPEEDCON

Number of positions 3

Locking type SPEEDCON

Coding type A

Connection 2

Type free cable end

Cable/line Cable length 5 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 mm²

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 Tin-plated Cu litz wir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MR/ 5,0-28R SCO RAIL with the required quantity to info@electricaonline.com or use 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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