

INDUSTRIAL COMPONENT DATA

SAC-4P-MRDC3/2,4-936 SCO 1066003 PHOENIX CONTACT

Sensor/actuator cable, 4-position, PE-X halogen-free, black..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-MRDC3/2,4-936 SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-MRDC3/2,4-936 SCO
Catalog number	1066003
Category	Patch cord copper (twisted pair)
Minimum order	100 Pcs
Document ID	EO-CEB0E3D40D
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Product Overview

Sensor/actuator cable, 4-position, PE-X halogen-free, black RAL 9005, cable length: 2.4 m

Sensor/actuator cable, 4-pole, cable length: 2.4 m

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 1066003

Packing unit 1

GTIN 4055626731292

Custom tariff number 85444290

Drawings

General

Environmental Product Compliance

Dimensions

Cable

Classifications

Drawings

Cable cross section

PROFINET railway applications [936]

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Length of cable 2.4 m

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Number of positions 4

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Cable type Ethernet

Cable type (abbreviation) 936

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation 1.95 mm

Wire colors white-blue, orange-yellow

Overall twist Star quad

Shielding Plastic-coated aluminum foil, tinned copper braided shield

Optical shield covering 100 %

External sheath, color black RAL 9005

Outer sheath thickness ≥ 0.8 mm

External cable diameter D 7.25 mm ± 0.3 mm

Minimum bending radius, fixed installation 6 x D

Minimum bending radius, flexible installation 10 x D

Cable weight 81 g/m

Outer sheath, material PE-X

Material conductor insulation PE-X

Conductor material silver-plated Cu litz wires

Conductor resistance $\leq 54.4 \text{ } \Omega/\text{km}$

Working capacitance $\leq 65 \text{ pF (core-core)}$

$\leq 100 \text{ pF (core-shield)}$

Wave impedance $100 \text{ } \Omega \pm 5 \text{ } \Omega$ (f = 100 MHz)

Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)

76 dB (at 4 $\text{ } \Omega\text{Hz}$)

67 dB (at 10 MHz)

60 dB (at 31.5 $\text{ } \Omega\text{Hz}$)

56 dB (at 62.5 $\text{ } \Omega\text{Hz}$)

53 dB (at 100 MHz)

Attenuation 2 dB (with 1 MHz)

4 dB (at 4 $\text{ } \Omega\text{Hz}$)

6.5 dB (at 10 MHz)

10.5 dB (at 31.5 $\text{ } \Omega\text{Hz}$)

14 dB (at 62.5 $\text{ } \Omega\text{Hz}$)

18 dB (at 100 MHz)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-MRDC3/2,4-936 SCO 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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