

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MSD/ 4,0-936/M12MSD 1401034 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSD/ 4,0-936/M12MSD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MSD/ 4,0-936/M12MSD
Catalog number	1401034
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-D70090739D
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Product Overview

Bus system cable

Bus system cable, PROFINET, 4-pole, halogen-free PE-X, black RAL 9005, shielded, M12 straight male connector, coding: D-coded, a M12 straight male connector, coding: D-coded, cable length: 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 1401034

Packing unit 1

GTIN 4046356517461

Custom tariff number 85444290

Mechanical characteristics

Number of positions 4

Shielded yes

Insertion/withdrawal cycles >= 100

Cable diameter 7.25 mm

Length of cable 4 m

Degree of protection IP65/IP67/IP69K

No. of cable outlets 1

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

-40 °C ... 90 °C (cable, fixed installation)

-25 °C ... 90 °C (cable, flexible installation)

Degree of protection IP65

IP67

IP68

Material data

Flammability rating according to UL 94 V0

Contact carrier material PA 6.6

Contact material CuSn

Contact surface material Ni/Au

Cable gland material Zinc die-cast, nickel-plated

Sealing material NBR

Outer sheath, material PE-X

External sheath, color black RAL 9005

Standards and Regulations

Flammability rating according to UL 94 V0

Line characteristics

Cable type Ethernet

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

External cable diameter 7.25 mm ±0,3 mm

Wire colors white-blue, orange-yellow

External sheath, color black RAL 9005

Transmission medium Copper

Conductor resistance ≤ 54.4 Ω/km

Working capacitance ≤ 65 pF (core-core)

≤ 100 pF (core-shield)

Wave impedance 100 Ω ±5 Ω (f = 100 MHz)

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

76 dB (at 4 MHz)

67 dB (at 10 MHz)

60 dB (at 31.5 MHz)

56 dB (at 62.5 MHz)

53 dB (at 100 MHz)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSD/ 4,0-936/M12MSD 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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