

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 2,0-150/M12FS 1546644 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 2,0-150/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 2,0-150/M12FS
Catalog number	1546644
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-4A1FD553B7
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PUR, irradiation cross-linked, solder splash resistant, orange RAL 2003, M12 straight male connector, encoding: A, a M12 straight connection female, encoding: A, cable length: 2 m

Sensor/actuator cable, 4-pin, halogen-free, cross-linked, resistant to soldering residues, orange RAL 2003, straight male M12, coding: A, on straight socket M12, coding: A, cable length: 2 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)
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Additional Product Information

Key Commercial Data

Orderkey 1546644

Packing unit 1 pc

GTIN 4046356128797

Weight per Piece (excluding packing) 88.500 g

Custom tariff number 85444290

Country of origin IN (India)

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 4

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

Coding A - standard

Status display No

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR irradiated halogen-free orange

Cable type (abbreviation) 150

Cable abbreviation D12YSL11X-OB

Conductor cross section $4 \times 0.34 \text{ mm}^2$

AWG signal line 22

Conductor structure signal line $19 \times 0.15 \text{ mm}$

Core diameter including insulation $1.05 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

Length of twist, overall twist 27 mm

External sheath, color orange RAL 2003

External cable diameter $D 5.2 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation min. 15 mm

Smallest bending radius, movable installation min. 30 mm

Number of bending cycles 5000000...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 2,0-150/M12FS 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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