

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 1,0-PUR/M12FR3LVW 1693953 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 1,0-PUR/M12FR3LVW



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 1,0-PUR/M12FR3LVW
Catalog number	1693953
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, irradiation cross-linked, orange RAL 2003, Straight male connector M12, coding: A, to Angled connection female M12, coding: A, with 3 LEDs, cable length: 1 m, Customer-specific variants

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 1693953

Packing unit 1 pc

GTIN 4017918481728

Weight per Piece (excluding packing) 58.900 g

Custom tariff number 85444290

Country of origin IN (India)

Dimensions

Length of cable 1 m

Ambient conditions

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

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 24 V

24 V DC

Number of positions 5

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

Coding A - standard

Status display 3 LEDs

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

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-JB

Conductor cross section 4x 0.34 mm² (Signal line)

1x 0.5 mm² (PE connection)

AWG signal line 22

AWG power supply 20

Conductor structure signal line 42x 0.10 mm

Conductor structure, voltage supply 24x 0.15 mm

Wire colors Brown, blue, black, white, green/yellow

Overall twist 5 cores, twisted

External sheath, color orange RAL 2003

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

Smallest bending radius, fixed installation min. 20 mm

Smallest bending radius, movable installation min. 30 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 1,0-PUR/M12FR3LVW 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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