

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 1,0-150/M12FR-2L 1546576 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 1,0-150/M12FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 1,0-150/M12FR-2L
Catalog number	1546576
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, irradiation-cross-linked, orange RAL 2003, Straight M12 connector, coding: A, with 2 LEDs, to Elbowed Female M12, coding: A, with 2 LEDs, cable length: 1 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 1546576

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356128711

Weight per Piece (excluding packing) 44.900 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 1 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 24 V

24 V DC

Number of positions 3

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

Coding A - standard

Status display 2 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-OB

Conductor cross section $3 \times 0.34 \text{ mm}^2$ (Signal line)

AWG signal line 22

Conductor structure signal line $42 \times 0.10 \text{ mm}$

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

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color orange RAL 2003

External cable diameter $D 4.4 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation 13.5 mm

Smallest bending radius, movable installation 53 mm

Number of bending cycles 5000000

Bending radius 44 mm

Traversing path 10 m

Traversing...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 1,0-150/M12FR-2L 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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