

INDUSTRIAL COMPONENT DATA

SAC-3P-M12FR2L/8-PUR/M12FR2LVW 1693872 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12FR2L/8-PUR/M12FR2LVW



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12FR2L/8-PUR/M12FR2LVW
Catalog number	1693872
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, Angled connection female M12, coding: A, a Angled connection female M12, coding: A, with 2 LEDs, cable length: 8 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 1693872

Packing unit 1 pc

GTIN 4017918481803

Weight per Piece (excluding packing) 220.100 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 8 m

General

Rated current at 40°C 4 A

Rated voltage 24 V

24 V DC

Number of positions 3
Coding A - standard
Status display 2 LEDs
Insertion/withdrawal cycles ≥ 100
Material
Contact material CuSn
Contact surface material Ni/Au
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 rate 3 m/s
Acceleration 10 m/s^2
Outer sheath, material PUR
Material conductor insulation PE
Conductor material Bare Cu litz wires
Conductor resistance max. $57 \text{ } \Omega/\text{km}$
Nominal voltage, cable 250 V (AC)
Test voltage, cable 2000 V (50 Hz, 5 minutes)
Special properties Silicone-free
Irradiated
Flame resistance according to DIN VDE 0472 Part 804
Other resistance UV resistant
Ambient temperature (operation) $-50 \text{ } ^\circ\text{C} \dots 105 \text{ } ^\circ\text{C}$ (cable, fixed install...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12FR2L/8-PUR/M12FR2LVW 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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