

INDUSTRIAL COMPONENT DATA

SAC-3P- 8,0-PVC/M12FR-2L 1506749 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-8,0-PVC/M12FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-8,0-PVC/M12FR-2L
Catalog number	1506749
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to Elbow 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)
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Additional Product Information

Key Commercial Data

Orderkey 1506749

Packing unit 1 pc

GTIN 4017918880446

Weight per Piece (excluding packing) 239.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 8 m

Stripping length of the free conductor end 50 mm

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 PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

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

AWG signal line 22

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

Core diameter including insulation $1.26 \text{ mm} \pm 0.05 \text{ mm}$

Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color black RAL 9005

Outer sheath thickness $\geq 0.76 \text{ mm}$

External cable diameter $D 4.3 \text{ mm} \pm 0.2 \text{ mm}$

Minimum bending radius, fixed installation $5 \times D$

Minimum bending radius, flexible installation $10 \times D$...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-8,0-PVC/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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