

INDUSTRIAL COMPONENT DATA

SAC-3P- 3,0-PVC/M12FS-2L 1414561 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-3,0-PVC/M12FS-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-3,0-PVC/M12FS-2L
Catalog number	1414561
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 Straight connection female M12, coding: A, with 2 LEDs, cable length: 3 m

Sensor/actuator cable, 3-position, PVC, black RAL 9005, free cable end, on Socket straight M12, coding: A, with 2 LEDs, cable length: 3 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard

Number of positions 3

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

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

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Zinc die-cast, nickel-plated

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

Nominal voltage UN 24 V DC

Nominal current IN 4 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Signaling Status display 2 LEDs

Status display present Yes

Connector Connection 1

Type free cable end

Connection 2

Type Socket straight M12

Number of positions 3

Coding type A

Cable/line Cable length 3 m

PVC black [PVC]

Dimensional drawing

Cable weight 40 kg/km

UL AWM Style 2464 / 1729 (80°C/300 V)

Number of positions 3

Shielded no

Cable type PVC black [PVC]

Conductor structure signal line 19x 0.15 mm

AWG signal line 22

Conductor cross section 3x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.26 mm $\pm 0.05 \text{ mm}$

External cable diameter 4.30 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PVC

External sheath, color black RAL 9005

Conductor material Bare Cu litz wires

Material wire insulation PVC

Single wire, color brown, blue, black

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

Thickness, outer sheath $\geq 0.2 \text{ mm}$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-3,0-PVC/M12FS-2L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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