

INDUSTRIAL COMPONENT DATA

SAC-3P-10,0-PVC/M12FR 1453821 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-PVC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-10,0-PVC/M12FR
Catalog number	1453821
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2983D6C53A
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to Elbow connection female M12, coding: A, cable length: 10 m

Sensor/actuator cable, 3-position, PVC, black RAL 9005, free cable end, on Socket angled M12, coding: A, cable length: 10 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

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

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

SignalingStatus display no

Status display present No

Connection dataConductor connection

Tightening torque 0.4 Nm

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket angled M12

Number of positions 3

Coding type A

Cable/lineCable length 10 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, i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-PVC/M12FR with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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