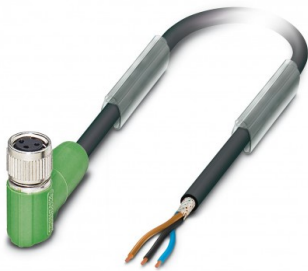


INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PVC/M 8FR SH VA 1449246 PHOENIX CONTACT Cable for sensors/actuators, 3-pin, PVC, black-gray RAL ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-PVC/M 8FR SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PVC/M 8FR SH VA
Catalog number	1449246
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-059301524B
Generated	2026-08-06

Product Overview

Cable for sensors/actuators, 3-pin, PVC, black-gray RAL 7021, shielded, end of free cable, to connection socket angled M8, cable length: 5 m

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, shielded, free cable end, to M8 angled connection female, cable length: 5 m

Sensor/actuator cable, 3-position, PVC, black RAL 9005, shielded, free cable end, on Socket angled M8, coding: A, cable length: 5 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

Number of positions 3

No. of cable outlets 1

Shielded yes

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 Stainless steel

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

SignalingStatus display no

Status display present No

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket angled M8

Number of positions 3

Coding type A

Cable/lineCable length 5 m

PVC black [PVC]

Cable weight 33 kg/km

Number of positions 3

Shielded yes

Cable type PVC black [PVC]

Conductor structure signal line 32x 0.10 mm

AWG signal line 22

Wire diameter incl. insulation 1.19 mm $\pm 0.02 \text{ mm}$

External cable diameter 4.70 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)

$\geq 0.65 \text{ mm}$ (Outer cable sheath)

Overall twist 3 wires, twisted

Optical shield covering 85 %

Max. conductor resistance max. 78 Ω/km (at 20 °C)

Insulation resistance $\geq 10 \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PVC/M 8FR SH VA 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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