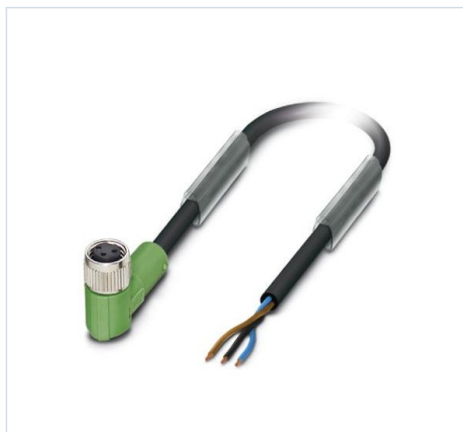


INDUSTRIAL COMPONENT DATA

SAC-3P- 3,0-PVC/M 8FR 1446320 PHOENIX CONTACT

Sensor/actuator cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-3,0-PVC/M 8FR
Catalog number	1446320
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-E5E5A76E62
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to M8 angled connection female, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1446320

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 196 (C-2-2017)

GTIN 4046356627962

Weight per Piece (excluding packing) 78.600 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

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

Coding A - standard

Standards/regulations M8 connector IEC 61076-2-104

Status display No

Protective circuit/component unwired

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

Standard designation M8 connector

Standards/regulations IEC 61076-2-104

Flammability rating according to UL 94 HB

Cable

Cable type PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

Conductor cross section $3 \times 0.25 \text{ mm}^2$ (Signal line)

AWG signal line 24

Conductor structure signal line $14 \times 0.15 \text{ mm}$

Core diameter including insulation $1.17 \text{ mm} \pm 0.05 \text{ mm}$

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

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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