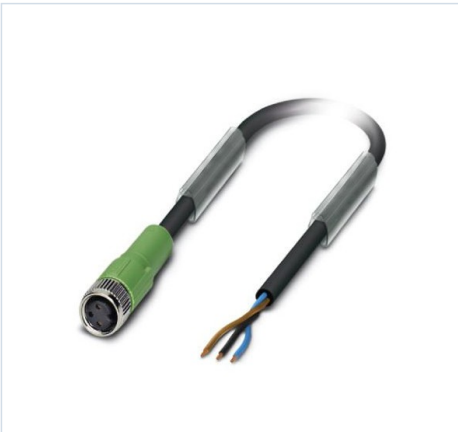


INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PVC/M 8FS BK 1508420 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-PVC/M 8FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PVC/M 8FS BK
Catalog number	1508420
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B6DC617C2A
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to M8 straight connection female, 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)
--------------	---

Additional Product Information

Key Commercial Data

Orderkey 1508420

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918895358

Weight per Piece (excluding packing) 127.700 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 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 48 V AC

60 V DC

Number of positions 3

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

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

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

AWG signal line 24

Conductor structure signal line $32 \times 0.10 \text{ mm}$

Core diameter including insulation $1.25 \text{ mm} \pm 0.02 \text{ mm}$

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 $D 4.4 \text{ mm} \pm 0.15 \text{ mm}$

Cable weight 29 kg/km

Outer sheath, material PVC

Material conductor insulation PVC

Conductor material Bare C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PVC/M 8FS BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.