

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-10,0-PVC/M 8FS BK VA 1401474 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-PVC/M 8FS BK VA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-10,0-PVC/M 8FS BK VA |
| Catalog number  | 1401474                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 25 Pcs                      |
| Document ID     | EO-5678B3162B               |
| Generated       | 2026-08-04                  |

## Product Overview

Sensor/actuator cable

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

## Additional Product Information

Key Commercial Data

Orderkey 1401474

Packing unit 1

GTIN 4046356557351

Custom tariff number 85444290

Dimensions

Length of cable 10 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65

IP67

IP68

IP69K

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 Stainless steel  
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 Cu litz wires  
Insulation resistance  $\geq 100 \text{ M}\Omega \cdot \text{km}$  (at 20 °C)  
Conductor resistance max.  $78 \text{ m}\Omega/\text{km}$  (at 20 °C)  
Nominal voltage, cable  $\geq 300 \text{ V}$   
Test voltage, cabl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-PVC/M 8FS BK VA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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