

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/10PVC/M12FS SH VA 1418851 PHOENIX CONTACT Sensor/actuator cable

## SAC-5P-M12MS/10PVC/M12FS SH VA ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/10PVC/M12FS SH VA



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/10PVC/M12FS SH VA |
| Catalog number  | 1418851                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-23F67A99F1                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-5P-M12MS/10PVC/M12FS SH VA - 1418851

Sensor/actuator cable, 5-pole, PVC, black RAL 9005, shielded, Straight connector M12, coding: A, to Straight female M12, 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

Sensor/actuator cable, 5-position, PVC, black RAL 9005, shielded, cable length: 10 m

Key Commercial Data

Orderkey 1418851

Packing unit 1

GTIN 4055626152264

Custom tariff number 85444290

Dimensions

Length of cable 10 m

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC  
Number of positions 5  
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  
Conductor cross section 5x 0.34 mm<sup>2</sup> (Signal line)  
AWG signal line 22  
Conductor structure signal line 42x 0.10 mm  
Core diameter including insulation 1.35 mm ±0.02 mm  
Thickness, insulation ≥ 0.23 mm (Core insulation)  
≥ 0.76 mm (Outer cable sheath)  
Wire colors Brown, white, blue, black, gray  
Overall twist 5 wires around filler to the core  
Shielding Tinned copper braided shield  
Optical shield covering 85 %  
External sheath, color black RAL 9005  
External cable diameter D 5.9 mm ±0.2 mm  
Cable weight 55 kg/km  
Outer sheath, material PVC  
Material, filler PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 10 MΩ·km (at 20 °C)  
Conductor resistance ≤ 58 Ω/km (at 20 °C)  
Nomi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/10PVC/M12FS SH 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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