

**INDUSTRIAL COMPONENT DATA**

# SAC-8P- 5,0-PVC/M12FS BK 1417857 PHOENIX CONTACT

## Sensor/actuator cable SAC-8P- 5,0-PVC/M12FS BK 1417857

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-5,0-PVC/M12FS BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-8P-5,0-PVC/M12FS BK    |
| Catalog number  | 1417857                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-51228C239D              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable - SAC-8P- 5,0-PVC/M12FS BK - 1417857  
Sensor/actuator cable, 8-pole, PVC, black RAL 9005, 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

Sensor/actuator cable, 8-position, PVC, black RAL 9005, cable length: 5 m  
Key Commercial Data  
Orderkey 1417857  
Packing unit 1  
GTIN 4055626128337  
Custom tariff number 85444290  
Dimensions  
Length of cable 5 m  
General  
Rated current at 40°C 2 A  
Rated voltage 30 V AC  
30 V DC  
Number of positions 8  
Standards/regulations M12 connector IEC 61076-2-101

Status display No  
Protective circuit/component unwired  
Overvoltage category II  
Degree of pollution 3  
Material  
Flammability rating according to UL 94 HB  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Flammability rating according to UL 94 HB  
Cable  
Cable type PVC black  
Cable type (abbreviation) PVC  
Cable abbreviation LiYY  
UL AWM style 2464 / 1729 (80°C/300 V)  
Conductor cross section 8x 0.25 mm<sup>2</sup> (Signal line)  
AWG signal line 24  
Conductor structure signal line 14x 0.15 mm  
Core diameter including insulation 1.17 mm ±0.05 mm  
Thickness, insulation ≥ 0.23 mm  
Wire colors white, brown, green, yellow, gray, pink, blue, red  
Overall twist 8 wires around filler to the core  
External sheath, color black RAL 9005  
Outer sheath thickness ≥ 0.76 mm  
External cable diameter D 5.9 mm ±0.2 mm  
Minimum bending radius, fixed installation 5 x D  
Minimum bending radius, flexible installation 10 x D  
Cable weight 54 kg/km  
Outer sheath, material PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 200 MΩ·km (at 20 °C)  
Conductor resistance 79 Ω/km (at 20 °C)  
Nominal voltage...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-5,0-PVC/M12FS BK 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

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.