

**INDUSTRIAL COMPONENT DATA**

# SAC-12P-MS/ 3,0-PVC SCO 1554788 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-MS/ 3,0-PVC SCO



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-12P-MS/ 3,0-PVC SCO    |
| Catalog number  | 1554788                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-5488992000              |
| Generated       | 2026-08-03                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 12-pole, Straight M12 connector, coding: A SPEEDCON, to free cable end, 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) |
|--------------|-------------------------------------------------------|

### Additional Product Information

Key Commercial Data

Orderkey 1554788

Packing unit 1 pc

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GTIN 4046356176200

Weight per Piece (excluding packing) 163.300 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 m

Cable diameter 5.9 mm

Stripping length of the free conductor end 35 mm

Ambient conditions

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

Degree of protection IP65  
IP67  
IP68  
General  
Rated current at 40°C 1.5 A  
Rated voltage 30 V AC  
30 V DC  
Number of positions 12  
Insulation resistance  $\geq 10 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Status display No  
Protective circuit/component unwired  
Overvoltage category II  
Degree of pollution 3  
Torque 0.4 Nm (M12 connector)  
Material  
Flammability rating according to UL 94 HB  
Contact material CuZn  
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  
Cable  
Cable type PVC black  
Conductor cross section 0.14 mm<sup>2</sup>  
AWG signal line 26  
Conductor structure signal line 18x 0.10 mm  
Wire colors Color-coded DIN 47100  
Overall twist Wires twisted in layers  
External sheath, color black RAL 9005  
External cable diameter 5.90 mm  
Smallest bending radius, movable installation 88.5 mm  
Outer sheath, material PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Standards/specifications M12 connector IEC 61076-2-101  
Conductor resistanc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-MS/ 3,0-PVC SCO 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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