

**INDUSTRIAL COMPONENT DATA**

# SAC-5P- 2,0-542/M12FS BK 1406169 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-2,0-542/M12FS BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-2,0-542/M12FS BK    |
| Catalog number  | 1406169                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-6C5134E743              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 5-pole, PVC, yellow, free cable end, to Straight Connecting Female M12, coding: A, cable length: 2 m

Sensor/actuator cable, 5-position, PVC, yellow, free cable end, on Socket straight M12, coding: A, cable length: 2 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard, U.S. cables

Number of positions 5

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Material for screw connection Zinc die-cast, nickel-plated  
Outer sheath, material PVC  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
Connection dataConductor connection  
Tightening torque 0.4 Nm (M12 connector)  
ConnectorConnection 1  
Type free cable end  
Connection 2  
Type Socket straight M12  
Number of positions 5  
Coding type A  
Cable/lineCable length 2 m  
PVC yellow 105 °C [542]  
Dimensional drawing  
Cable weight 43 kg/km  
UL AWM Style 2517 (105 °C / 300 V)  
Number of positions 5  
Shielded no  
Cable type PVC yellow 105 °C [542]  
Conductor structure signal line 30x 1.30 mm  
AWG signal line 22  
Wire diameter incl. insulation 1.27 mm  $\pm 0.03 \text{ mm}$   
External cable diameter 5.40 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PVC  
External sheath, color yellow  
Conductor material Tin-plated Cu litz wires  
Material, filler PP  
Material wire insulation PVC  
Single wire, c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-2,0-542/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

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