

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M8MS/10,0-542 SH BK 1406046 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/10,0-542 SH BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-M8MS/10,0-542 SH BK |
| Catalog number  | 1406046                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-BEB9F86AFD              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, yellow, shielded, M8 straight male connector, to free cable end, cable length: 10 m

Sensor/actuator cable, 3-position, PVC, yellow, shielded, Plug straight M8, on free cable end, 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard, U.S. cables

Number of positions 3

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

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 0.2 Nm (M8 connectors)  
ConnectorConnection 1  
Type Plug straight M8  
Connection 2  
Type free cable end  
Cable/lineCable length 10 m  
PVC yellow 105 °C [542]  
Dimensional drawing  
Cable weight 33 kg/km  
UL AWM Style 2517 (105 °C / 300 V)  
Number of positions 3  
Shielded yes  
Cable type PVC yellow 105 °C [542]  
Conductor structure signal line 32x 1.10 mm  
AWG signal line 24  
Wire diameter incl. insulation 1.12 mm  $\pm 0.03 \text{ mm}$   
External cable diameter 4.70 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PVC  
External sheath, color yellow  
Conductor material Tin-plated Cu litz wires  
Material wire insulation PVC  
Single wire, color brown, blue, black  
Overall twist 3 wires, twisted  
Optical shield cove...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/10,0-542 SH 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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