

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M12MR/ 1,5-542/M8FS BK 1406305 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/ 1,5-542/M8FS BK



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-3P-M12MR/ 1,5-542/M8FS BK |
| Catalog number  | 1406305                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-AF88107E72                 |
| Generated       | 2026-08-06                    |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, yellow, M12 angled male connector, coding: A, to M8 straight connection female, cable length: 1.5 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Key Commercial Data

Orderkey 1406305

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356797481

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85444290

Country of origin US (United States)

Dimensions

Length of cable 1.5 m

Ambient conditions

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

Degree of protection IP65  
IP67  
IP68  
General  
Rated current at 40°C 4 A  
Rated voltage 48 V AC  
60 V DC  
Number of positions 3  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
M8 connector IEC 61076-2-104  
Status display No  
Protective circuit/component unwired  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm (M12 connector)  
0.2 Nm (M8 connectors)  
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  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Standard designation M8 connector  
Standards/regulations IEC 61076-2-104  
Flammability rating according to UL 94 HB  
Cable  
Cable type PVC yellow 105 °C  
Cable type (abbreviation) 542  
UL AWM style 2517 (105 °C / 300 V)  
AWG signal line 24  
Core diameter including insulation 1.12 mm  $\pm 0.03 \text{ mm}$   
Wire colors brown, blue, black  
Over...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MR/ 1,5-542/M8FS 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

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