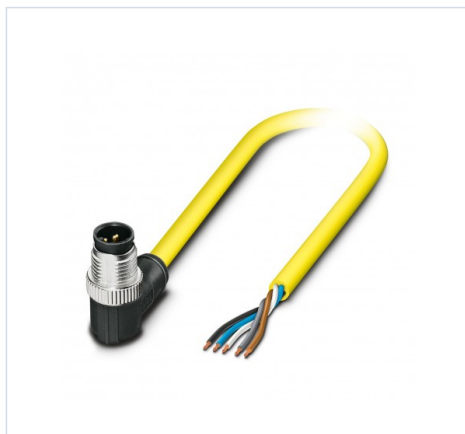


## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MR/ 2,0-542 BK 1406166 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/ 2,0-542 BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MR/ 2,0-542 BK   |
| Catalog number  | 1406166                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-A3CA39AF6C              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, PVC, yellow, M12 bent male connector, coding: A, free cable end, cable length: 2 m

Sensor/actuator cable, 5-pin, PVC, yellow, M12 angled male, coding: A, on free conductor end, 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1406166

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356798846

Weight per Piece (excluding packing) 111.200 g

Custom tariff number 85444290

Country of origin US (United States)

Dimensions

Length of cable 2 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 5  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
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  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm (M12 connector)  
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  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
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 22  
Conductor structure signal line 30x 1.30 mm  
Core diameter including insulation 1.27 mm  $\pm 0.03 \text{ mm}$   
Wire colors Brown, blue, black, white, gray  
Overall twist 5 wires around filler to the core  
External sheath, color yellow  
External cable....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/ 2,0-542 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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