

## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MR/ 1,5-542/M12FS BK 1406160 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/ 1,5-542/M12FS BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MR/ 1,5-542/M12FS BK |
| Catalog number  | 1406160                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-0CB5E83296                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 5-pole, PVC, yellow, M12 angled male connector, encoding: A, to M12 straight connection female, coding: A, 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 1406160

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356798907

Weight per Piece (excluding packing) 41.800 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 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  
Sealing material NBR  
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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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