

**INDUSTRIAL COMPONENT DATA**

# SAC-5P- 2,0-542/M12FS SH BK 1406149 PHOENIX CONTACT

## Sensor/actuator cable

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-2,0-542/M12FS SH BK |
| Catalog number  | 1406149                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-B444DC9341              |
| Generated       | 2026-08-06                 |

## Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 5-pole, PVC, yellow, shielded, free cable end, to Straight connection female 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

Key Commercial Data

Orderkey 1406149

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356799010

Weight per Piece (excluding packing) 130.200 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

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

Shielding Tinned copper braid...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-2,0-542/M12FS 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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.