

## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MS/2,0-PUR/M12FS 1694758 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/2,0-PUR/M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MS/2,0-PUR/M12FS |
| Catalog number  | 1694758                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-32EDF0B64C              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole halogen-free, M12 straight connector, encoding: A, to M12 straight female, 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1694758

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918459444

Weight per Piece (excluding packing) 80.900 g

Custom tariff number 85444290

Country of origin DE (Germany)

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

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

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

UL AWM style 20549

Conductor cross section  $5 \times 0.34 \text{ mm}^2$  (Signal line)

AWG signal line 22

Conductor structure signal line  $42 \times 0.10 \text{ mm}$

Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)

Thickness, insulation approx. 0.5 mm

Wire colors brown, white, blue, black, green-yellow

External sheath, color black-gray RAL 7021

External cable diamet...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/2,0-PUR/M12FS 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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