

**INDUSTRIAL COMPONENT DATA**

# SAC-8P- 2,0-PUR/M12FS SH NC 1402903 PHOENIX CONTACT

## Sensor/actuator cable SAC-8P- 2,0-PUR/M12FS SH NC 1402903

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-2,0-PUR/M12FS SH NC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-8P-2,0-PUR/M12FS SH NC |
| Catalog number  | 1402903                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-14A47D2268              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable - SAC-8P- 2,0-PUR/M12FS SH NC - 1402903

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to Straight connection female M12, coding: A, cable length: 2 m, The screen is not placed in the knurling

**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

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, free cable end, on Socket straight M12, A-coded, cable length: 2 m, Shield not connected to knurl

Key Commercial Data

Orderkey 1402903

Packing unit 1

GTIN 4046356636933

Custom tariff number 85444290

Dimensions

Length of cable 2 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Material

Flammability rating according to UL 94 HB

Contact material CuZn

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

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y

UL AWM style 20549 / 10493 (80°C/300 V)

Conductor cross section  $8 \times 0.25 \text{ mm}^2$  (Signal line)

AWG signal line 24

Conductor structure signal line  $32 \times 0.10 \text{ mm}$

Core diameter including insulation  $1.17 \text{ mm} \pm 0.02 \text{ mm}$

Thickness, insulation approx.  $0.2 \text{ mm}$

Wire colors Brown, white, green, yellow, gray, pink, blue, red

Overall twist 8 wires around filler to the core

Shielding Tinned copper braided shield

Optical shield covering...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-2,0-PUR/M12FS SH NC 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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