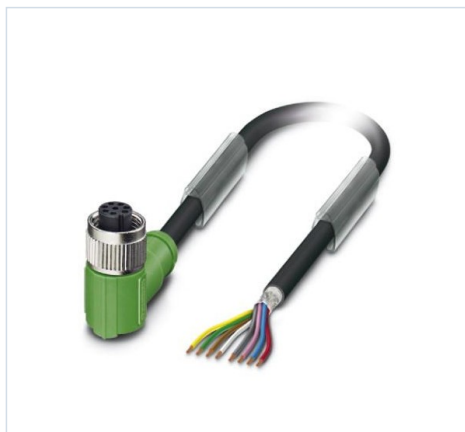


**INDUSTRIAL COMPONENT DATA**

# SAC-8P-10,0-PUR/M12FR SH VA 1022485 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-10,0-PUR/M12FR SH VA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-8P-10,0-PUR/M12FR SH VA |
| Catalog number  | 1022485                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 100 Pcs                     |
| Document ID     | EO-1E11766831               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to Elbowed Female M12, coding: A, cable length: 10 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 1022485

Packing unit 1

GTIN 4055626516547

Custom tariff number 85444290

Dimensions

Length of cable 10 m

Stripping length of the free conductor end 50 mm

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  
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  $\geq 100$   
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 Stainless steel  
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 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 85 %  
External sheath, color black-gray RAL 7021  
Outer sheath thickness approx. 0....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-10,0-PUR/M12FR SH VA 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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