

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MR/3,0-PUR 1668179 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/3,0-PUR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-M12MR/3,0-PUR       |
| Catalog number  | 1668179                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-3DB643878C              |
| Generated       | 2026-08-03                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, Angled male connector M12, coding: A, to free cable end, cable length: 3 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 1668179

Packing unit 1 pc

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GTIN 4017918136680

Weight per Piece (excluding packing) 84.600 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 m

Stripping length of the free conductor end 50 mm

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 250 V AC  
250 V DC  
Number of positions 4  
Insulation resistance  $\geq 10 \text{ M}\Omega$   
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 PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y11Y-HF  
UL AWM style 20549 / 10493 (80°C/300 V)  
Conductor cross section  $4 \times 0.34 \text{ mm}^2$   
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$   
Thickness, insulation  $\geq 0.21 \text{ mm}$

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/3,0-PUR 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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