

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/2,2-PUR/M12FS VA 1050803 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-5P-M12MS/2,2-PUR/M12FS VA 10..

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



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-M12MS/2,2-PUR/M12FS VA |
| Catalog number  | 1050803                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-AF8C33C7A7                 |
| Generated       | 2026-08-05                    |

## Product Overview

Sensor/actuator cable - SAC-5P-M12MS/2,2-PUR/M12FS VA - 1050803

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 2.2 m, Stainless steel 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, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 2.2 m, High-grade steel knurl

Key Commercial Data

Orderkey 1050803

Packing unit 1

GTIN 4055626670348

Custom tariff number 85444290

Dimensions

Length of cable 2.2 m

General

Number of positions 5

**Cable**

Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
UL AWM style 20549  
Conductor cross section 5x 0.34 mm<sup>2</sup> (Signal line)  
AWG signal line 22  
Conductor structure signal line 42x 0.10 mm  
Core diameter including insulation 1.27 mm ±0.02 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 diameter D 4.55 mm ±0.15 mm  
Smallest bending radius, fixed installation 23 mm  
Smallest bending radius, movable installation 46 mm  
Number of bending cycles 10000000  
Bending radius 50 mm  
Traversing path 10 m  
Traversing rate 3 m/s  
Acceleration 10 m/s<sup>2</sup>  
Cable weight 33 kg/km  
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance  $\geq 16 \text{ G}\cdot\text{km}$  (at 20 °C)  
Conductor resistance max. 58  $\Omega/\text{km}$  (at 20 °C)  
Nominal voltage, cable 300 V  
Test voltage, cable 3000 V  
Special properties Flexible cable conduit capable  
Silicone-free  
Free of substances which would hinder coating with paint or varnish  
flexible  
Flame resistance in accordance with UL 758/1581 FT2  
DIN EN 60332-2-2 (20 s)  
Halogen-fr...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

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