

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MSB/ 1,0-PUR P 1079246 PHOENIX CONTACT

## Sensor/actuator cable, 5-position, PUR halogen-free, black-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSB/ 1,0-PUR P



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MSB/ 1,0-PUR P   |
| Catalog number  | 1079246                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 100 Pcs                    |
| Document ID     | EO-CC2E55CF78              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, B-coded, on free cable end, cable length: 1 m, with plastic knurl

Sensor/actuator cable, 5-pole, halogen-free PUR, grayish black RAL 7021, M12 straight male connector, coding: B, free cable end, cable length: 1 m, with plastic 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

Key Commercial Data

Orderkey 1079246

Packing unit 1

GTIN 4055626798097

Custom tariff number 85444290

Dimensions

Cable

General

Classifications

Dimensions

Length of cable 1 m

Back to topGeneral

Number of positions 5  
Back to topCable  
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  $\geq 16 \text{ G}\Omega\cdot\text{km}$  (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-free in accordance with DIN VDE 0472 part 815  
Resistance to oil in accordance with DIN EN 60811-2-1  
Other resistance Hig...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSB/ 1,0-PUR P 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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