

## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MRB/ 5,0-PUR/M12FSB 1573150 PHOENIX CONTACT Sensor/Actuator Cable, 5-Pole, M12 Angled Connector, E..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRB/ 5,0-PUR/M12FSB



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-M12MRB/ 5,0-PUR/M12FSB |
| Catalog number  | 1573150                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 100 Pcs                       |
| Document ID     | EO-79F24234C5                 |
| Generated       | 2026-08-06                    |

## Product Overview

Sensor/Actuator Cable, 5-Pole, M12 Angled Connector, Encoding: B, a Straight Female M12, Coding: B, Cable Length: 5 m  
Cable for sensors/actuators

Sensor/actuator cable, 5-position, Plug angled M12, coding: B, connected with unwired, on Socket straight M12, coding: B,  
cable length: 5 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 5

No. of cable outlets 1

Coding B

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Material for screw connection Zinc die-cast, nickel-plated  
Electrical propertiesContact resistance  $\leq 5 \text{ m}\Omega$   
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Protective circuit unwired  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display No  
Status display present No  
ConnectorConnection 1  
Type Plug angled M12  
Number of positions 5  
Coding type B  
Connection 2  
Type Socket straight M12  
Number of positions 5  
Coding type B  
Cable/lineCable length 5 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Shielded no  
UL AWM Style 20549  
Cable weight 33 kg/km  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
External cable diameter 4.55 mm  $\pm 0.15 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section 5x 0.34 mm<sup>2</sup> (Signal line)  
Material wire insulation PP  
Thickness, insulation approx. 0.5 mm  
Wire diameter incl. insulation 1.27 mm 0.05 mm (Sign...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRB/ 5,0-PUR/M12FSB 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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