

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MSB/10,0-900 1507081 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSB/10,0-900



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MSB/10,0-900     |
| Catalog number  | 1507081                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-A05A93C5A6              |
| Generated       | 2026-08-04                 |

## Product Overview

Bus system cable

Bus system cable, INTERBUS (16 MBit/s), 5-pole halogen-free, shielded, M12 straight connector, encoding: B, to free cable end, cable length: 10 m

Bus system cable, INTERBUS (16 Mbps), 5-position, PUR halogen-free, may green RAL 6017, shielded, Plug straight M12, coding: B, on free cable end, 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

Technical dataNotesGeneral Further products with variable cable type and variable cable length can be found in the accessories section

Product propertiesProduct type Data cable preassembled

Application Standard

Sensor type INTERBUS

Number of positions 5

No. of cable outlets 1

Shielded yes

Coding B

Insulation characteristics

Overvoltage category II

Degree of pollution 3  
InterfacesBus system INTERBUS  
Signal type/category INTERBUS, 16 Mbps  
SignalingStatus display no  
Status display present No  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Transmission medium Copper  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
Material specificationsFlammability rating according to UL 94 V0  
Material of grip body TPU, hardly inflammable, self-extinguishing  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PA 6.6  
Material for screw connection Zinc die-cast, nickel-plated  
Connection dataPin assignment  
Contact Color (signal designation) Contact (optional) 1 (Plug) YE (DO)  
2 (Plug) GN (DO)  
3 (Plug) GY (DI)  
4 (Plug) PK (DI)  
5 (Plug) BN (GND)  
ConnectorConnection 1  
Type Plug straight M12  
Number of positions 5  
Coding type B (inverse)  
Connection 2  
Type free cable end  
Cable/lineCable length 10 m  
INTERBUS [900]  
Dimensional drawing  
Cable weight 70 kg/km  
Number of positions 6  
Shielded yes  
Cable type INTERBUS [900]  
Conductor structure 3 x 2 x 0.22 mm<sup>2</sup>  
Signal speed 0.66 c  
Conductor structure signa...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSB/10,0-900 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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