

## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MS/1,5-810/M12FS 1416104 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/1,5-810/M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MS/1,5-810/M12FS |
| Catalog number  | 1416104                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-3C2B0CC1AF              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, resistant to solder splashes, orange RAL 2003, M12 straight male connector, coding: A, to M12 straight connection female, coding: A, cable length: 1.5 m, for robotics and drag chains

Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, orange RAL 2003, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 1.5 m, for robots and drag chains

## 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

Application Robots and drag chains

Number of positions 5

No. of cable outlets 1

Shielded no

Coding A

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 propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
Connection dataConductor connection  
Tightening torque 0.4 Nm (M12 connector)  
ConnectorConnection 1  
Type Plug straight M12  
Number of positions 5  
Coding type A  
Connection 2  
Type Socket straight M12  
Number of positions 5  
Coding type A  
Cable/lineCable length 1.5 m  
PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]  
Dimensional drawing  
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.  
UL AWM Style 20549 (80°C/300 V)  
Number of positions 5  
Shielded no  
Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section 5x 0.34 mm<sup>2</sup>  
Wire diameter incl.....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/1,5-810/M12FS 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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