

**INDUSTRIAL COMPONENT DATA**

# SAC-2P-M12MS/2,5-PUR/ZC-1L-S 1540983 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MS/2,5-PUR/ZC-1L-S



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-2P-M12MS/2,5-PUR/ZC-1L-S |
| Catalog number  | 1540983                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 50 Pcs                       |
| Document ID     | EO-E0510160BC                |
| Generated       | 2026-08-06                   |

## Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 2 Poles, PUR/PVC Grey, M12 Straight Male Connector to MSZC Construction Valve Connector, with 1 LED, Cable Length: 2.5 m

Sensor/actuator cable, 2-pos, PUR/PVC gray, straight M12 plug on valve connector type MSZC, with 1 LED, cable length: 2.5 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 Distributor with cable

Number of positions 2

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 housing valve plug TPE-U

Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Contact material CuSn  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Protective circuit Protective circuit and holding current reduction  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display 1 LED  
Status display present Yes  
ConnectorConnection 1  
Type Plug straight M12  
Number of positions 2  
Coding type A  
Material CuSn (Contact)  
Ni/Au (Contact surface)  
TPU GF (Contact carriers)  
Connection 2  
Type Valve connector Festo ZC  
Number of positions 2  
Material CuSn (Contact)  
TPE-U (Housing)  
Cable/lineCable length 2.5 m  
PUR gray [PUR]  
Dimensional drawing  
Number of positions 2  
Shielded no  
Cable type PUR gray [PUR]  
AWG signal line 24  
Conductor cross section  $2 \times 0.25 \text{ mm}^2$  (Signal line)  
External cable diameter 3.40 mm  
Outer sheath, material PUR  
External sheath, color gray RAL 7001  
Conductor material Bare Cu litz wires  
Single wire, color black, black  
Ambient temperature (operation)  $-10 \text{ }^\circ\text{C} \dots 50 \text{ }^\circ\text{C}$  (cable, fixed installation)  
 $-10 \text{ }^\circ\text{C} \dots 50 \text{ }^\circ\text{C}$  (Cable, flexible installation)  
Environmental and real-life conditionsAmb...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MS/2,5-PUR/ZC-1L-S 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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