

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12MS/1,5-PUR/CI-1L-Z 1400782 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,5-PUR/CI-1L-Z



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-3P-M12MS/1,5-PUR/CI-1L-Z |
| Catalog number  | 1400782                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-E8890A0E81                |
| Generated       | 2026-08-06                   |

### Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-Pole, M12 Straight Connector, Coding: A, with 1 LED, connected to Z Diode, to IC Valve Connectors (9.4mm), with 1 LED, connected to Z Diode, cable length: 1.5 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

Key Commercial Data

Orderkey 1400782

Packing unit 1

GTIN 4046356510905

Custom tariff number 85444290

Dimensions

Length of cable 1.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

-20 °C ... 85 °C (valve plug)

General

Rated voltage 24 V AC

24 V DC

Number of positions 3  
Status display 1 LED  
Protective circuit/component Z diode  
Insertion/withdrawal cycles  $\geq 100$   
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y11Y-HF  
UL AWM style 20549  
Conductor cross section  $3 \times 0.5 \text{ mm}^2$   
AWG signal line 20  
Conductor structure signal line  $28 \times 0.15 \text{ mm}$   
Core diameter including insulation  $1.5 \text{ mm} \pm 0.05 \text{ mm}$  (Signal line)  
Wire colors black 1, black 2, green/yellow  
Overall twist 3 wires, twisted  
External sheath, color black-gray RAL 7021  
External cable diameter  $D 4.5 \text{ mm} \pm 0.2 \text{ mm}$   
Smallest bending radius, fixed installation  $22.5 \text{ mm}$   
Number of bending cycles 15000000  
Bending radius  $50 \text{ mm}$   
Traversing path  $0.9 \text{ m}$   
Traversing rate  $5 \text{ m/s}$   
Acceleration  $30 \text{ m/s}^2$   
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance min.  $20 \text{ M}\Omega \cdot \text{km}$   
Conductor resistance  $39 \text{ }\Omega/\text{km}$  (at  $20 \text{ }^\circ\text{C}$ )  
Nominal voltage, cable  $\leq 300 \text{ V}$   
Test voltage, cable  $\geq 1200 \text{ V}$   
Flame resistance according to DIN VDE 0482  
According to DIN EN 50265-2-1  
Halogen-free in accordance with DIN VDE 0472 part 815  
Other resistance largely oil-resistant  
partly UV-resistant in accordance with DIN EN ISO 4892-2-A  
Ambient temperature (operati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,5-PUR/CI-1L-Z 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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