

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12MS/1,5-PUR/M12FS 4-2 1401334 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,5-PUR/M12FS 4-2



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M12MS/1,5-PUR/M12FS 4-2 |
| Catalog number  | 1401334                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-1E41DAB4B1                  |
| Generated       | 2026-08-05                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M12, to Straight connection female M12, 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 1401334

Packing unit 1

GTIN 4046356549455

Custom tariff number 85444290

Dimensions

Length of cable 1.5 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC  
Number of positions 3  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm  
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y11Y  
UL AWM style 20549  
Conductor cross section  $3 \times 0.34 \text{ mm}^2$  (Signal line)  
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)  
Thickness, insulation  $\geq 0.21 \text{ mm}$  (Core insulation)  
approx.  $0.5 \text{ mm}$  (Outer cable sheath)  
Wire colors brown, blue, black  
Overall twist 3 wires, twisted  
External sheath, color black-gray RAL 7021  
External cable diameter  $D 3.85 \text{ mm} \pm 0.15 \text{ mm}$   
Smallest bending radius, fixed installation  $19 \text{ mm}$   
Smallest bending radius, movable installation  $38 \text{ mm}$   
Number of bending cycles 10000000  
Bending radius  $44 \text{ mm}$   
Traversing path  $10 \text{ m}$   
Traversing rate  $3 \text{ m/s}$   
Acceleration  $10 \text{ m/s}^2$   
Cable weight  $23 \text{ kg/km}$   
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance  $\geq 100 \text{ G}\Omega\cdot\text{km}$  (at  $20^\circ\text{C}$ )  
Conductor resistance max.  $58 \text{ }\Omega/\text{km}$  (at  $20^\circ\text{C}$ )  
Nominal voltage, cable  $\leq 300 \text{ V}$   
Test voltage, cable  $\geq 3000 \text{ V}$   
Special properties Flexible cable conduit capable  
Silicone-free  
Free of substances which would hinder coating wit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,5-PUR/M12FS 4-2 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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