

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MR/ 3,0-PVC/M12FR 1447358 PHOENIX CONTACT

## Sensor/actuator cable, 4-pos., PVC, RAL 7021 (black gray)..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/ 3,0-PVC/M12FR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-4P-M12MR/ 3,0-PVC/M12FR |
| Catalog number  | 1447358                     |
| Category        | Data cable                  |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-0E1A8AB50D               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable, 4-pos., PVC, RAL 7021 (black gray), angled M12 plug, A-coded, to angled M12 socket, A-coded, cable length: 3.0 m

Sensor/actuator cable, 4 poles, PVC, greyish black RAL 7021, angled male connector M12, coded A, in female angled connection M12, coded A, cable length: 3.0 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1447358

Packing unit 1

GTIN 4046356664967

Custom tariff number 85444290

Drawings

General

Environmental Product Compliance

Ambient conditions

Cable

Classifications

Drawings

Cable cross section  
PVC black [PVC]  
[Back to top](#)Ambient conditions  
Degree of protection IP65  
IP67  
[Back to top](#)General  
Rated current at 40°C 4 A  
Rated voltage 250 V AC  
250 V DC  
Overvoltage category II  
Degree of pollution 3  
Torque 0.4 Nm  
[Back to top](#)Cable  
Cable type PVC black  
Cable type (abbreviation) PVC  
Cable abbreviation LiYY  
UL AWM style 2464 / 1729 (80°C/300 V)  
Conductor cross section 4x 0.34 mm<sup>2</sup> (Signal line)  
AWG signal line 22  
Conductor structure signal line 19x 0.15 mm  
Core diameter including insulation 1.26 mm ±0.05 mm  
Thickness, insulation ≥ 0.23 mm (Core insulation)  
Wire colors brown, white, blue, black  
Overall twist 4 wires, twisted  
External sheath, color black RAL 9005  
Outer sheath thickness ≥ 0.76 mm  
External cable diameter D 4.7 mm ±0.15 mm  
Minimum bending radius, fixed installation 5 x D  
Minimum bending radius, flexible installation 10 x D  
Cable weight 40 kg/km  
Outer sheath, material PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 200 MΩ·km (at 20 °C)  
Conductor resistance ≤ 57 Ω/km (at 20 °C)  
Nominal voltage, cable ≤ 300 V  
Test voltage, cable ≥ 3000 V  
Flame resistance As per UL-Style 2464  
Resistance to oil according to DIN EN 60811-2-1, 168 h at 60 °C  
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/ 3,0-PVC/M12FR 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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