INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MR/1,5-PVC/M12FR-3L 1415648 PHOENIX CONTACT Sensor/actuator cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/1,5-PVC/M12FR-3L**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-M12MR/1,5-PVC/M12FR-3L |
| Catalog number | 1415648 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-76BFE68093 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, PVC, black RAL 9005, Angled male connector M12, coding: A, to Angled connection female M12, coding: A, with 3 LEDs, cable length: 1.5 m
Sensor/actuator cable, 4-position, PVC, black RAL 9005, Plug angled M12, coding: A, with 3 LEDs, on Socket angled M12, coding: A, with 3 LEDs, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable
Application Standard
Number of positions 4
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 >= 100 M?
Nominal voltage UN 24 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display 3 LEDs
Status display present Yes
ConnectorConnection 1
Type Plug angled M12
Number of positions 4
Coding type A
Connection 2
Type Socket angled M12
Number of positions 4
Coding type A
Cable/lineCable length 1.5 m
PVC black [PVC]
Dimensional drawing
Cable weight 40 kg/km
UL AWM Style 2464 / 1729 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 19x 0.15 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.26 mm ±0.05 mm
External cable diameter 4.70 mm ±0.15 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.23 mm....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/1,5-PVC/M12FR-3L with the required quantity to info@electricaonline.com or use 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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