

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MR/0,6-PVC/M12FR-3L 1415647 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/0,6-PVC/M12FR-3L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MR/0,6-PVC/M12FR-3L
Catalog number	1415647
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-328F9DC622
Generated	2026-08-05

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: 0.6 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: 0.6 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 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 properties Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 24 V DC

Nominal current IN 4 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Signaling Status display 3 LEDs

Status display present Yes

Connector Connection 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/line Cable length 0.6 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 $\pm 0.05 \text{ mm}$

External cable diameter 4.70 mm $\pm 0.15 \text{ mm}$

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 $\geq 0.23 \text{ mm}$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/0,6-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.