

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 0,6-810/FR-3LR 1090424 PHOENIX CONTACT Sensor/actuator cable, 4-position, PUR halogen-free, we..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 0,6-810/FR-3LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 0,6-810/FR-3LR
Catalog number	1090424
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-0B920F8603
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 4-position, PUR halogen-free, welding sputter-resistant, highly flexible, orange RAL 2003, Plug straight M12, A-coded, on Socket angled M12, A-coded, with 3 LEDs, cable length: 0.6 m, for robots and drag chains

Sensor/actuator cable, 4-pole, halogen-free PUR, resistant to welding spatter, highly flexible, orange RAL 2003, Straight male connector M12, coding: A, to Angled connection female M12, coding: A, with 3 LEDs, cable length: 0.6 m, for robotics and drag chains

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 1090424

Packing unit 1

GTIN 4055626902814

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

Socket M12 x 1, angled, with LED

Circuit diagram

Contact assignment of the M12 plug and the M12 socket

Schematic diagram

Pin assignment M12 plug, 4-pos., A-coded, view plug side

Schematic diagram

Pin assignment M12 socket, 4-pos., A-coded, view female side

Cable cross section

PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]

Back to topDimensions

Length of cable 0.6 m

Back to topAmbient conditions

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

Back to topGeneral

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC

Number of positions 4

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display 3 LEDs

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Back to topMaterial

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Back to topStandards and Regulations

Standards/specifications M12 c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 0,6-810/FR-3LR 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.