INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 5,0-810/FR-3LR 1090408 PHOENIX CONTACT Sensor/actuator cable, 4-position, PUR halogen-free, we..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 5,0-810/FR-3LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 5,0-810/FR-3LR
Catalog number	1090408
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-E7F4037EEF
Generated	2026-11-18

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: 5 m, for robots and drag chains Sensor/actuator cable, 4-pole, halogen-free, solder splash resistant, highly flexible, orange RAL 2003, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, with 3 LEDs, cable length: 5 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 1090408
Packing unit 1
GTIN 4055626901497
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 5 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 >= 100 M?
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 con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 5,0-810/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

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