

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/3,0-150/M12FR-3L 1563478 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/3,0-150/M12FR-3L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/3,0-150/M12FR-3L
Catalog number	1563478
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
Document ID	EO-A7D1460161
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, irradiation cross-linked, orange RAL 2003, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, with 3 LEDs, cable length: 3 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

Key Commercial Data

Orderkey 1563478

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

GTIN 4046356303958

Weight per Piece (excluding packing) 152.200 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 24 V

24 V DC

Number of positions 5

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

Coding A - standard

Status display 3 LEDs

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Material

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

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR irradiated halogen-free orange

Cable type (abbreviation) 151

Cable abbreviation D12YSL11X-JB

Conductor cross section 0.34 mm^2

AWG signal line 22

Conductor structure signal line $42 \times 0.10 \text{ mm}$

Core diameter including insulation $1.05 \text{ mm} \pm 0.05 \text{ mm}$

Wire colors brown, white, blue, black, green-yellow

Overall twist 5 cores, twisted

External sheath, color orange RAL 2003

External cable diameter $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation min. 25 mm

Smallest bending radius, movable installation min. 40 mm

Number of bending cycles 5000000

Bending radius 59 mm

Trav...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/3,0-150/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.