

INDUSTRIAL COMPONENT DATA

SAC-4P- 3,0-511/M12FR-3L FB 1552557 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P- 3,0-511/M12FR-3L FB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P- 3,0-511/M12FR-3L FB
Catalog number	1552557
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-DA233C9E15
Generated	2026-08-03

Product Overview

Sensor/actuator cable

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)
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Additional Product Information

Key Commercial Data

Orderkey 1552557

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 212 (PC-2011)

GTIN 4046356155939

Weight per Piece (excluding packing) 128.900 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

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

Degree of protection IP65

IP67

IP68

IP69K

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 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

Torque 0.4 Nm (M12 connector)

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 Stainless steel

Sealing material NBR

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

Cable

Cable type PVC black FDA

Cable type (abbreviation) 511

Cable abbreviation LiYY-HF

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 $1.52 \text{ mm} \pm 0.05 \text{ mm}$

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

External sheath, color black RAL....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P- 3,0-511/M12FR-3L FB 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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