

INDUSTRIAL COMPONENT DATA

SAC-5P-3,0-600/M12FR-3L FB 1404094 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-600/M12FR-3L FB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-3,0-600/M12FR-3L FB
Catalog number	1404094
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-267FA69A64
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PP-EPDM, grey RAL 7035, free cable end, to M12 angled connection female, coding: A, with 3 LEDs, cable length: 3 m, Hygienic design, with plastic knurling

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 1404094

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 145 (C-4-2013)

GTIN 4046356676489

Weight per Piece (excluding packing) 117.900 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

Degree of protection IP65
IP67
IP68
IP69K
General
Rated current at 40°C 4 A
Rated voltage 24 V AC
24 V DC
Number of positions 5
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Material conformance FDA 21 CFR 177.2600
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
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Polypropylene
Sealing material FKM
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Standard designation Material conformance
Standards/regulations FDA 21 CFR 177.2600
Cable
Cable type Halogen-free PP gray
Cable type (abbreviation) 600
Cable abbreviation Li9Y9Y
Conductor cross section $5 \times 0.34 \text{ mm}^2$ (Signal line)
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)
Thickness, insulation $\geq 0.21 \text{ mm}$ (Core insulation)
Wire colors Brown,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-600/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

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.