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-9DED003D7E
Generated	2026-11-18

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 >= 100 M?
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 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 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

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