INDUSTRIAL COMPONENT DATA

SAC-3P- 3,0-600/M 8FR-2L FB 1406487 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 3,0-600/M 8FR-2L FB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 3,0-600/M 8FR-2L FB
Catalog number	1406487
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D4EAA20814
Generated	2026-11-19

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)

Additional Product Information

Key Commercial Data
Orderkey 1406487
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 140 (C-4-2013)
GTIN 4046356780544
Weight per Piece (excluding packing) 68.900 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 3
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M8 connector IEC 61076-2-104
Material conformance FDA 21 CFR 177.2600
Status display 2 LEDs
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.2 Nm (M8 connectors)
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 M8 connector
Standards/regulations IEC 61076-2-104
Standard designation Material conformance
Standards/regulations FDA 21 CFR 177.2600
Cable
Cable type Halogen-free PP gray
Cable type (abbreviation) 600
Cable abbreviation Li9Y14Y
Conductor cross section 3x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, bl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 3,0-600/M 8FR-2L 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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