

INDUSTRIAL COMPONENT DATA

SAC-4P-M 8MR/ 3,0-600 FB 1406843 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M 8MR/ 3,0-600 FB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M 8MR/ 3,0-600 FB
Catalog number	1406843
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-55B84915B2
Generated	2026-08-03

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PP-EPDM, grey RAL 7035, M8 angled male connector, to free cable end, 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 1406843

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 141 (C-4-2013)

GTIN 4046356781640

Weight per Piece (excluding packing) 67.280 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 48 V AC

60 V DC

Number of positions 4

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

Coding A - standard

Standards/regulations M8 connector IEC 61076-2-104

Material conformance FDA 21 CFR 177.2600

Status display No

Protective circuit/component unwired

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

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 $4 \times 0.25 \text{ mm}^2$ (Signal line)

AWG signal line 24

Conductor structure signal line $32 \times 0.10 \text{ mm}$

Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)

Thickness, insulation $\geq 0.21 \text{ mm}$ (Core insulation)

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

Length of twist, overall...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M 8MR/ 3,0-600 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.