

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/10,0-600 HD 1404048 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/10,0-600 HD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/10,0-600 HD
Catalog number	1404048
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D609CFFF94
Generated	2026-08-01

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 1404048

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 143 (C-4-2013)

GTIN 4046356677868

Weight per Piece (excluding packing) 319.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 10 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 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 No

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 Stainless steel

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, white, blue, black, gr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/10,0-600 HD 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.