

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 2,0-802/M12FS 1454590 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2,0-802/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 2,0-802/M12FS
Catalog number	1454590
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-E909ADFE6A
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free, solder-resistant, highly flexible, grey RAL 7001, Straight connector M12, coding: A, to Straight female M12, coding: A, cable length: 2 m

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)
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Additional Product Information

Key Commercial Data

Orderkey 1454590

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356578288

Weight per Piece (excluding packing) 91.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 2 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

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

Status display No

Overvoltage category II

Degree of pollution 3

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.

Cable type PUR, halogen-free, highly stranded, resistant to welding sparks, gray

Cable type (abbreviation) 802

Cable abbreviation Li12Y11Y-HF

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 $1.3 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Wire colors Black, brown, blue, white, green/yellow

Overall twist 5 wires around filler to the core

External sheath, color gray RAL 7001

External cable diameter D 5.1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2,0-802/M12FS 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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