

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 5,0-802 1457241 PHOENIX CONTACT

Sensor/actuator cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 5,0-802
Catalog number	1457241
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2624B09E60
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free, solder-resistant, highly flexible, grey RAL 7001, M12 straight male connector, coding: A, to free cable end, cable length: 5 m, for robotics and drag chains

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 1457241

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356593663

Weight per Piece (excluding packing) 183.400 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 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
Standards/regulations M12 connector IEC 61076-2-101
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
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
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
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 42x....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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