

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/10,0-PUR/M12FS SH 1529661 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/10,0-PUR/M12FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/10,0-PUR/M12FS SH
Catalog number	1529661
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 10 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 1529661

Packing unit 5 pc

Minimum order quantity 25 pc

GTIN 4017918989675

Weight per Piece (excluding packing) 514.400 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 10 m

Ambient conditions

Degree of protection IP67

General

Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
Coding A - standard
Status display No
Insertion/withdrawal cycles ≥ 100
Material
Contact material CuSn
Contact surface material Ni/Au
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LIF9YC11Y
UL AWM style 20549
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)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 80 %
External sheath, color black RAL 9005
External cable diameter $D 5.25 \text{ mm} \pm 0.2 \text{ mm}$
Smallest bending radius, fixed installation 26 mm
Smallest bending radius, movable installation 52 mm (up to +60°C)
Number of bending cycles 10000000
Bending radius 52 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s^2
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance $70 \text{ G}\Omega\cdot\text{km}$ (at 20 °C)
Conductor resistance max. $57 \text{ }\mu\Omega/\text{km}$ (at 20 °C)
Nominal voltage, cable 300 V (at 20...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/10,0-PUR/M12FS SH 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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