

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/30,0-PUR/M12FS SH 1530809 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/30,0-PUR/M12FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/30,0-PUR/M12FS SH
Catalog number	1530809
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-F67B529AFF
Generated	2026-08-06

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, encoding: A, cable length: 30 m

Sensor/actuator cable, 5-pin, halogen-free, grey-black RAL 7021, shielded (Advanced Shielding Technology), M12 straight male, coding: A, on M12 straight socket, coding: A, cable length: 30 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 1530809

Packing unit 5 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4017918990374

Weight per Piece (excluding packing) 1,577.600 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 30 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. $57 \text{ m}\Omega/\text{km}$ (at 20 °C)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/30,0-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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