

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/3,0-PUR/M12FS VA 1049444 PHOENIX

CONTACT Sensor/actuator cable

SAC-5P-M12MS/3,0-PUR/M12FS VA 10..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/3,0-PUR/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/3,0-PUR/M12FS VA
Catalog number	1049444
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-D7DD745088
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Product Overview

Sensor/actuator cable - SAC-5P-M12MS/3,0-PUR/M12FS VA - 1049444

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 3 m, Stainless steel knurling

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

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 3 m, High-grade steel knurl

Key Commercial Data

Orderkey 1049444

Packing unit 1

GTIN 4055626662381

Custom tariff number 85444290

Dimensions

Length of cable 3 m

General

Number of positions 5

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

UL AWM style 20549 / 10493 (80°C/300 V)

Conductor cross section 5x 0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)

Thickness, insulation ≥ 0.21 mm

Wire colors brown, white, blue, black, green-yellow

Overall twist 5 wires around filler to the core

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.7 mm

External cable diameter D 5 mm ±0.15 mm

Smallest bending radius, fixed installation 25 mm

Smallest bending radius, movable installation 50 mm

Number of bending cycles 4000000

Bending radius 50 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Cable weight 35 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 16 G?·km (at 20 °C)

Conductor resistance max. 58 ?/km (at 20 °C)

Nominal voltage, cable 300 V

Test voltage, cable 3000 V

Special properties Flexible cable conduit capable

Silicone-free

Free of substances which would hinder coat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/3,0-PUR/M12FS VA 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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