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

PRODUCT IMAGE\nNOT AVAILABLE

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-96B723C113
Generated	2026-11-19

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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