INDUSTRIAL COMPONENT DATA

SAC-4P-M12MR/1,66-PURFR5PSH1NC 1069630 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MR/1,66-PURFR5PSH1NC ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/1,66-PURFR5PSH1NC

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MR/1,66-PURFR5PSH1NC
Catalog number	1069630
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-58EE52F863
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MR/1,66-PURFR5PSH1NC - 1069630
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, Male bent connector M12, encoding: A, a Female wired connection M12, coding: A, cable length: 1.66 m, Special connection: pin 1 empty crimp

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, shielded, Plug angled M12, A-coded, on Socket angled M12, A-coded, cable length: 1.66 m, Special wiring: Pin 1 blank crimp
Key Commercial Data
Orderkey 1069630
Packing unit 1
GTIN 4055626745862
Custom tariff number 85444290
Dimensions
Length of cable 1.66 m
General
Rated voltage 48 V AC

60 V DC
Number of positions 5
Coding A - standard
Insertion/withdrawal cycles >= 100
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549
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)
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-gray RAL 7021
External cable diameter D 5.25 mm ±0.2 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/s²
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance 70 G?*km (at 20 °C)
Conductor resistance max. 57 ?/km (at 20 °C)
Nominal voltage, cable 300 V (at 20 °C)
Test voltage Core/Core 3000 V (at 20 °C)
Special pr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/1,66-PURFR5PSH1NC 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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