INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/5,0-PUR/A-1L-Z 1439641 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12MS/5,0-PUR/A-1L-Z 1439641

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/5,0-PUR/A-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/5,0-PUR/A-1L-Z
Catalog number	1439641
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-5124E16DAA
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12MS/5,0-PUR/A-1L-Z - 1439641
Halogen-free sensor/actuator cable, M12 straight connector, coding: A, a A valve connectors, with 1 LED, connected with Z Diode, cable length: 5 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)

Additional Product Information

Sensor/actuator cable, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Valve connector A, with 1 LED, connected with Z diode, cable length: 5 m
Key Commercial Data
Orderkey 1439641
Packing unit 1
GTIN 4046356489591
Custom tariff number 85444290
Dimensions
Length of cable 5 m
Ambient conditions
Degree of protection IP65

IP67
General
Rated current at 40°C 4 A
Rated voltage 24 V AC
24 V DC
Status display 1 LED
Protective circuit/component Z diode
Overvoltage category III
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Flammability rating according to UL 94 HB
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section 3x 0.5 mm²
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter D 4.5 mm ±0.2 mm
Smallest bending radius, fixed installation 22.5 mm
Number of bending cycles 15000000
Bending radius 50 mm
Traversing path 0.9 m
Traversing rate 5 m/s
Acceleration 30 m/s²
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance min. 20 M?*km
Conductor resistance 39 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/5,0-PUR/A-1L-Z 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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