

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-1603877C45
Generated	2026-08-06

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 $3 \times 0.5 \text{ mm}^2$

AWG signal line 20

Conductor structure signal line $28 \times 0.15 \text{ mm}$

Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$ (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 $D 4.5 \text{ mm} \pm 0.2 \text{ mm}$

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/s^2

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance min. $20 \text{ M}\Omega\cdot\text{km}$

Conductor resistance $39 \text{ }\Omega/\text{km}$ (at $20 \text{ }^\circ\text{C}$)

Nominal voltage, cable $\leq 300 \text{ V}$

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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