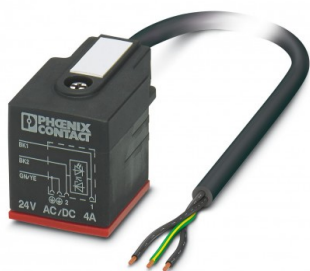


INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PUO/A-1L-Z OD 1407289 PHOENIX CONTACT

Sensor/actuator cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PUO/A-1L-Z OD
Catalog number	1407289
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-B5069ABB5A
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole halogen-free, free wire end, to Valve Connectors A, with 1 LED, connected to Diode Z, cable length: 5 m, for outdoor applications, with sterling steel center screw and additional silicone gasket (red)

Sensor/actuator cable, 3-position, PUR halogen-free, black RAL 9005, free cable end, on Valve connector A, with 1 LED, Wiring: Z diode, cable length: 5 m, for outdoor applications, with stainless steel central screw and additional silicone seal (red)

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

Technical dataProduct propertiesProduct type Sensor/actuator cable with valve connector

Application External areas

Number of positions 3

No. of cable outlets 1

Shielded no

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0

Seal material TPU

Silicon

Material housing valve plug TPU

Contact material CuSn

Valve plug contact insert material PA 6.6

Contact surface material Sn

Electrical properties Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 24 V AC

24 V DC

Nominal current IN 4 A

Valve connector characteristics

Fixing screws M3 x 29

Signaling Status display 1 LED

Status display present Yes

Connector Connection 1

Type free cable end

Connection 2

Type Valve connector A

Number of positions 3

Material CuSn (Contact)

Sn (Contact surface)

PA 6.6 (Contact carriers)

TPU (Housing)

Cable/line Cable length 5 m

PUR halogen-free black [PUO]

Dimensional drawing

Number of positions 3

Shielded no

Cable type PUR halogen-free black [PUO]

Conductor structure signal line 16x 0.20 mm

AWG signal line 20

Conductor cross section 3x 0.5 mm²

Wire diameter incl. insulation 2 mm $\pm 0.05 \text{ mm}$

External cable diameter 5.90 mm $\pm 0.1 \text{ mm}$

Outer sheath, material PUR

External sheath, color black RAL 9005

Conductor material Tin-plated Cu litz wires

Material wire insulation PP

Single wire, color black 1, black 2, green/yellow

Overall twist 3 wires, twisted

Max. conductor resistance $\leq 40.1 \text{ }\Omega/\text{km}$

Insulation resistance 70 G Ω *km

Nominal volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PUO/A-1L-Z OD 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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