

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PUR/CI-1L-Z 1435700 PHOENIX CONTACT

Sensor/actuator cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PUR/CI-1L-Z
Catalog number	1435700
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-68F6ECFFF8
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, free cable end, to IC valve connectors (9.4mm), 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

Key Commercial Data

Orderkey 1435700

Packing unit 1 pc

Catalog page Page 234 (C-2-2017)

GTIN 4046356413947

Weight per Piece (excluding packing) 157.900 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Stripping length of the free conductor end 50 mm

Central screw valve connector M3 x 29

Ambient conditions

Ambient temperature (operation) -20 °C ... 85 °C (valve plug)

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC

Number of positions 3

Color handle area black

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

Status display 1 LED

Protective circuit/component Z diode

Pulse power W_{max} 40 W (at 100 μs square-wave pulse)

Terminal voltage 70 V (at 2 mA constant current)

Reverse voltage 50 V

Overvoltage category III

Degree of pollution 3

Torque 0.6 Nm (Valve connector)

Material

Flammability rating according to UL 94 V0

Valve plug contact material CuSn

Valve plug contact surface material Sn

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Sealing material TPU (Seal molded)

Standards and Regulations

Flammability rating according to UL 94 V0

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PUR/CI-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.