

INDUSTRIAL COMPONENT DATA

SAC-3P- 3,0-PUR/CI-1L-R-ES 1401542 PHOENIX CONTACT

Sensor/actuator cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-3,0-PUR/CI-1L-R-ES
Catalog number	1401542
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BAEEEE49B0A
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, free cable end, to IC valve connectors (9.4mm), with 1 LED, connected with Free flow diode with holding current limiter, cable length: 3 m, with retaining current limiter for energy reduction

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 1401542

Packing unit 1 pc

Catalog page Page 240 (C-2-2017)

GTIN 4046356924689

Weight per Piece (excluding packing) 99.800 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 m

Central screw valve connector M3 x 25

Ambient conditions

Ambient temperature (operation) -25 °C ... 80 °C (valve plug)

Degree of protection IP67

General

Rated current at 40°C 1 A

Rated voltage 24 V DC $\pm 20\%$

Number of positions 3

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

Standards/regulations

Status display 1 LED

Protective circuit/component Freewheeling diode with holding current limiting device

Switch-over time approx. 200 ms (Initial operating time)

Clock frequency approx. 2500 Hz (Holding current limiting device)

Switching frequency max. 5 Hz (Connected valve)

Material

Valve plug contact material CuSn

Valve plug contact surface material Ag

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Sealing material TPU (Seal molded)

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 ben...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-3,0-PUR/CI-1L-R-ES 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.