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-22D5CCBE46
Generated	2026-11-19

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 ±20 %
Number of positions 3
Insulation resistance >= 100 M?
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 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 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

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