

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PUR/DTFS 1414997 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-PUR/DTFS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PUR/DTFS
Catalog number	1414997
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BEB4C46FDC
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, free cable end, to straight female DEUTSCH DT06-3S, coding: A Clip lock, cable length: 5 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight DEUTSCH DT06-3S Clip locking, coding: A, Wiring: unwired, 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 1414997

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 250 (C-2-2017)

GTIN 4055626036731

Weight per Piece (excluding packing) 226.100 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -20 °C ... 80 °C (Plug / socket)

Degree of protection IP67

General

Rated current at 40°C 8 A

Rated voltage 48 V AC

48 V DC

Number of positions 3

Color handle area black

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

Coding A - standard

Status display No

Protective circuit/component unwired

Material

Flammability rating according to UL 94 V2

Contact material Cu alloy

Contact surface material Nickel-plated

Contact carrier material PA 6.6

Material of grip body PA

Material, knurls not available

Sealing material Silicon

Standards and Regulations

Flammability rating according to UL 94 V2

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

UL AWM style 20549 / 10152 (80°C/300 V)

Conductor cross section $3 \times 0.75 \text{ mm}^2$ (Signal line)

AWG signal line 18

Conductor structure signal line $42 \times 0.15 \text{ mm}$

Core diameter including insulation $1.69 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Thickness, insulation $\geq 0.21 \text{ mm}$

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color black-gray RAL 7021

Outer sheath thickness $\geq 0.38 \text{ mm}$

External cable diameter $D 5.2 \text{ mm} \pm 0.15 \text{ mm}$

Minimum bending radius, fixed installation $5 \times D$

Minimum bending ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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