

INDUSTRIAL COMPONENT DATA

SAC-3P-500,0-PUR/0,25 1416360 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-500,0-PUR/0,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-500,0-PUR/0,25
Catalog number	1416360
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-D7AD93E2BA
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Product Overview

Sensor/actuator cable

By meters, Cable ring, halogen-free PUR, grayish black RAL 7021, 3-conductors, color single conductors: brown, blue, black, cable length: 500 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)
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Additional Product Information

Key Commercial Data

Orderkey 1416360

Packing unit 1 pc

GTIN 4055626071329

Weight per Piece (excluding packing) 17.780 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 500 m

General

Rated voltage 250 V AC

250 V DC

Number of positions 3

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549

Conductor cross section 3x 0.25 mm²

AWG signal line 24

Conductor structure signal line 32x 0.10 mm

Core diameter including insulation 1.17 mm ±0.02 mm

Thickness, insulation ≥ 0.21 mm (Core insulation)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

Length of twist, overall twist 40 mm

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.5 mm

External cable diameter D 3.6 mm ±0.15 mm

Smallest bending radius, fixed installation 18 mm

Smallest bending radius, movable installation 36 mm

Number of bending cycles 1000000

Bending radius 44 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Cable weight 18 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 100 G?·km (at 20 °C)

Conductor resistance ≤ 78 ?/km (at 20 °C)

Nominal voltage, cable ≤ 300 V

Test voltage, cable ≥ 3000 V

Special properties Flexible cable conduit capable

Silicone-free

Free of substances which would hinder coating with paint or varnish

Flame resistance in accordance with UL 758/1581 FT2

DIN EN 60...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-500,0-PUR/0,25 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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