

INDUSTRIAL COMPONENT DATA

SAC-3P-100,0-180/0,25 1501809 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-100,0-180/0,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-100,0-180/0,25
Catalog number	1501809
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-82F9600517
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Product Overview

Sensor/actuator cable

By meters, Cable ring, Halogen-free PUR, orange RAL 2003, 3-conductors, color individual conductors: brown, blue, black, cable length: 100 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 1501809

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918813932

Weight per Piece (excluding packing) 2,316.000 g

Custom tariff number 85444995

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General

Number of positions 3

Cable

Cable type PUR halogen-free orange

Cable type (abbreviation) 180

Cable abbreviation Li31Y-11Y

Conductor cross section 0.25 mm²

AWG signal line 24

Conductor structure signal line 32x 0.10 mm

Core diameter including insulation 1.35 mm ±0.05 mm

Thickness, insulation 0.35 mm (Core insulation)

1.15 mm (Outer cable sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color orange RAL 2003

External cable diameter 5.20 mm

Smallest bending radius, fixed installation 52 mm

Smallest bending radius, movable installation 78 mm

Number of bending cycles 4000000

Bending radius 78 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Number of bending cycles 4000000

Bending radius 78 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Cable weight 30 kg/km

Outer sheath, material PUR

Material conductor insulation TPE

Conductor material Bare Cu litz wires

Conductor resistance ≤ 77.8 Ω/km

Test voltage, cable 2500 V

Ambient temperature (operation) -25 °C ... 105 °C (cable, fixed installation)

-5 °C ... 105 °C (cable, flexible installation)

Classifications

eCl@ss 4.027060306eCl@ss 4.127060306eCl@ss 5.027061801eCl@ss 5.119030300eCl@ss 6.027061800eCl@ss....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-100,0-180/0,25 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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