

INDUSTRIAL COMPONENT DATA

SAC-4P-500,0-PUR/SH-0,34 1403177 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-500,0-PUR/SH-0,34 1403177

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-500,0-PUR/SH-0,34



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-500,0-PUR/SH-0,34
Catalog number	1403177
Category	Data and communication cable
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable - SAC-4P-500,0-PUR/SH-0,34 - 1403177

By the metre, Sensor/actuator cable, shielded, halogen-free PUR, greyish black RAL 7021, 4-conductors, colour single conductors: brown, white, blue, black

By the meter, Sensor/actuator cable, shielded, PUR halogen-free, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black

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

Technical dataProduct propertiesProduct type Cable by the meter

Cable/linePUR halogen-free black [PUR]

Dimensional drawing

Cable weight 36 kg/km

UL AWM Style 20549 / 10493 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm $\pm$ 0.02 mm (Signal line)
External cable diameter 4.95 mm $\pm$ 0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation $\geq$ 0.21 mm
Thickness, outer sheath approx. 0.50 mm
Overall twist 4 wires, twisted
Optical shield covering 80 %
Max. conductor resistance max. 58 Ω /km (at 20 °C)
Insulation resistance $\geq$ 100 G Ω *km (at 20 °C)
Wave impedance $\geq$ 62 Ω (f = 10 MHz)
Cable capacity $\leq$ 80 pF/m (Conductor-Conductor)
 $\leq$ 135 pF/m (Wire/shield)
Nominal voltage, cable $\leq$ 300 V
Test voltage $\geq$ 3000 V
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 25 mm
Smallest bending radius, movable installation 50 mm
Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 10 x D, Traversing path: 10 m,
Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free in accordance with DIN VDE 0472 part 815
in accordance with DIN EN 50267-2-1
Flame....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-500,0-PUR/SH-0,34 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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