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

PRODUCT IMAGE\nNOT AVAILABLE

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
Document ID	EO-3AA9EE74A5
Generated	2026-11-19

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)

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 ±0.02 mm (Signal line)
External cable diameter 4.95 mm ±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 >= 0.21 mm
Thickness, outer sheath approx. 0.50 mm
Overall twist 4 wires, twisted
Optical shield covering 80 %
Max. conductor resistance max. 58 ?/km (at 20 °C)
Insulation resistance >= 100 G?*km (at 20 °C)
Wave impedance >= 62 ? (f = 10 MHz)
Cable capacity <= 80 pF/m (Conductor-Conductor)
<= 135 pF/m (Wire/shield)
Nominal voltage, cable <= 300 V
Test voltage >= 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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