

**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                        |
| Document ID     | EO-44C26F2AC9                |
| Generated       | 2026-08-05                   |

### 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  $\pm$ 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  $\Omega$ /km (at 20 °C)  
Insulation resistance  $\geq$  100 G $\Omega$ \*km (at 20 °C)  
Wave impedance  $\geq$  62  $\Omega$  (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/s<sup>2</sup>  
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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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