

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

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Sensor/actuator cable, 4-wire, shielded, PVC, black outer cable sheath, 4 x 0.34 mm<sup>2</sup>, length: 500 m

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1401477       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | AF1LBA        |
| GTIN                                 | 4046356557375 |
| Weight per piece (including packing) | 33,500 g      |
| Weight per piece (excluding packing) | 33,500 g      |
| Country of origin                    | DE            |

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## Technical data

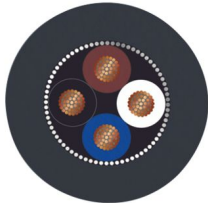
### Product properties

|              |                    |
|--------------|--------------------|
| Product type | Cable by the meter |
|--------------|--------------------|

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 500 m |
|--------------|-------|

### PVC black [PVC]

|   |  |
|---|--|
| Dimensional drawing                           |  |
| Cable weight                                  | 52 kg/km   |
| Number of positions                           | 4  |
| Shielded                                      | yes  |
| Cable type                                    | PVC black [PVC]  |
| Conductor structure signal line               | 42x 0.10 mm  |
| AWG signal line                               | 22   |
| Conductor cross-section                       | 4x 0.34 mm <sup>2</sup> (Signal line)  |
| Wire diameter incl. insulation                | 1.4 mm ±0.02 mm  |
| External cable diameter                       | 5.90 mm ±0.2 mm  |
| Outer sheath, material                        | PVC  |
| External sheath, color                        | black RAL 9005   |
| Conductor material                            | Bare Cu litz wires   |
| Material wire insulation                      | PVC  |
| Single wire, color                            | brown, white, blue, black  |
| Thickness, insulation                         | ≥ 0.23 mm (Core insulation)<br>≥ 0.76 mm (Outer cable sheath)                      |
| Overall twist                                 | 4 wires, twisted   |
| Optical shield covering                       | 85 %   |
| Max. conductor resistance                     | max. 58 Ω/km (at 20 °C)  |
| Insulation resistance                         | ≥ 100 MΩ*km (at 20 °C)   |
| 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   | 30 mm  |
| Smallest bending radius, movable installation | 59 mm  |

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|                                 |   |
|---------------------------------|---|
| Flame resistance                | As per UL-Style 2464  |
| Resistance to oil               | in accordance with DIN EN 60811-2-1                                 |
| Special properties              | Free of substances which would hinder coating with paint or varnish |
|                                 | Silicone-free   |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation)                        |
|                                 | -5 °C ... 80 °C (Cable, flexible installation)                      |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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