

# SAC-3P-100,0-PVC/0,25 - Cable reel



1501854

<https://www.phoenixcontact.com/us/products/1501854>

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By the meter, Cable reel, PVC, black RAL 9005, 3-wire, color single wire: brown, blue, black, cable length: 100 m



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1501854                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF11                           |
| Product key                          | AF1LBA                         |
| GTIN                                 | 4017918813987                  |
| Weight per piece (including packing) | 2,440.96 g                     |
| Weight per piece (excluding packing) | 2,170.96 g                     |
| Customs tariff number                | 85444995                       |
| Country of origin                    | DE                             |

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## Technical data

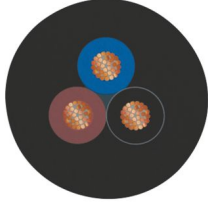
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 3                  |
| Shielded            | no                 |

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 100 m |
|--------------|-------|

### PVC black [PVC]

|                                 |   |
|---------------------------------|---|
| Dimensional drawing             |  |
| Cable weight                    | 29 kg/km  |
| Number of positions             | 3   |
| Shielded                        | no  |
| Cable type                      | PVC black [PVC]   |
| Conductor structure signal line | 32x 0.10 mm   |
| AWG signal line                 | 24  |
| Conductor cross-section         | 3x 0.25 mm <sup>2</sup> (Signal line)   |
| Wire diameter incl. insulation  | 1.25 mm ±0.02 mm  |
| External cable diameter         | 4.40 mm ±0.15 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, blue, black  |
| Thickness, insulation           | ≥ 0.23 mm (Core insulation)   |
| Thickness, outer sheath         | ≥ 0.76 mm   |
| Overall twist                   | 3 wires, twisted  |
| Max. conductor resistance       | max. 78 Ω/km (at 20 °C)   |
| Insulation resistance           | ≥ 100 MΩ*km (at 20 °C)  |
| Nominal voltage, cable          | ≥ 300 V   |
| Test voltage                    | ≤ 3000 V  |
| Flame resistance                | As per UL-Style 2464  |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation)  |

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-5 °C ... 80 °C (Cable, flexible installation)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1501854>



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00371

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003249 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |                |
|---------|----------------|
| CO2e kg | 18.263 kg CO2e |
|---------|----------------|

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