

# SAC-5P-100,0-186/0,75 - Cable reel

1535590

<https://www.phoenixcontact.com/gb/products/1535590>



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By the meter, Cable reel, PUR, black-gray RAL 7021, 5-wire, color single wire: brown, white, blue, black, gray, cable length: 100 m

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1535590                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AF1LBA                         |
| Product key                          | AF1LBA                         |
| Catalog page                         | Page 168 (C-4-2013)            |
| GTIN                                 | 4046356027250                  |
| Weight per piece (including packing) | 6,628.7 g                      |
| Weight per piece (excluding packing) | 6,692 g                        |
| Customs tariff number                | 85444991                       |
| Country of origin                    | DE                             |

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## Technical data

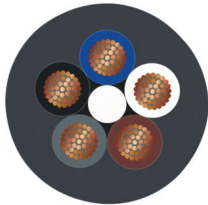
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 5                  |
| Shielded            | no                 |

### Cable/line

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

PUR POWER 0.75 mm<sup>2</sup> black [186]

|   |  |
|---|--|
| Dimensional drawing                           |   |
| Cable weight                                  | 67 kg/km   |
| Number of positions                           | 5  |
| Shielded                                      | no   |
| Cable type                                    | PUR POWER 0.75 mm <sup>2</sup> black [186]   |
| Conductor structure signal line               | 42x 0.15 mm  |
| AWG signal line                               | 18   |
| Conductor cross section                       | 5x 0.75 mm <sup>2</sup> (power line)   |
| Wire diameter incl. insulation                | 1.7 mm ±0.05 mm  |
| External cable diameter                       | 6.30 mm ±0.2 mm  |
| Outer sheath, material                        | PUR  |
| External sheath, color                        | black-gray RAL 7021  |
| Conductor material                            | Bare Cu litz wires   |
| Material wire insulation                      | PVC  |
| Single wire, color                            | brown, white, blue, black, gray  |
| Thickness, insulation                         | ≥ 0.23 mm (Core insulation)<br>≥ 0.76 mm (Outer cable sheath)  |
| Overall twist                                 | 5 wires around filler to the core  |
| Max. conductor resistance                     | max. 26 Ω/km (at 20 °C)  |
| Insulation resistance                         | ≥ 1 MΩ*km (at 20 °C)   |
| Nominal voltage, cable                        | ≤ 300 V  |
| Test voltage                                  | ≥ 3000 V   |
| Smallest bending radius, movable installation | 63 mm  |
| Dynamic load capacity (bending)               | Max. bending cycles: 2000000, Bending radius: 63 mm,<br>Traversing path: 5 m, Traversing rate: 3 m/s, Acceleration: 5 m/s <sup>2</sup> |

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|                                 |  |
|---------------------------------|--|
| Flame resistance                | in accordance with DIN UL-Style 20549          |
| Resistance to oil               | in accordance with DIN EN 60811-2-1            |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation)   |
|                                 | -5 °C ... 80 °C (Cable, flexible installation) |

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1535590>



### UL Listed

Approval ID: FILE E 221474

|  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
|  | 125 V                          | 4 A                            | -                 | -                             |



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|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
|  | 125 V                          | 4 A                            | -                 | -                             |



### EAC-RoHS

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

### EF3.0 Climate Change

|         |                |
|---------|----------------|
| CO2e kg | 51.545 kg CO2e |
|---------|----------------|

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