

# SAC-4P-100,0-186/0,75 - Cable reel



1457461

<https://www.phoenixcontact.com/us/products/1457461>

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By the meter, Cable reel, PUR, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1457461                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF11                           |
| Product key                          | AF1LBA                         |
| GTIN                                 | 4046356617789                  |
| Weight per piece (including packing) | 5,660 g                        |
| Weight per piece (excluding packing) | 5,350 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | PL                             |

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## Technical data

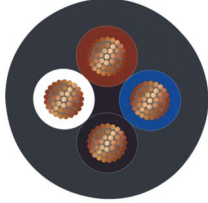
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 4                  |
| Shielded            | no                 |

### Cable/line

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

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

|  |   |
|--|---|
| Dimensional drawing                        |  |
| Cable weight                               | 57 kg/km  |
| UL AWM Style                               | 20549 / 1061 (80°C/300 V)   |
| Number of positions                        | 4   |
| 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                    | 4x 0.75 mm <sup>2</sup> (power line)  |
| Wire diameter incl. insulation             | 1.75 mm ±0.05 mm  |
| External cable diameter                    | 5.90 mm ±0.15 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   |
| Thickness, insulation                      | ≥ 0.23 mm (Core insulation)<br>≥ 0.76 mm (Outer cable sheath)                       |
| Overall twist                              | 4 wires, twisted  |
| 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  |
| Minimum bending radius, fixed installation | 5 x D   |

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|   |   |
|---|---|
| Minimum bending radius, flexible installation | 10 x D  |
| Smallest bending radius, fixed installation   | 30 mm   |
| Smallest bending radius, movable installation | 59 mm   |
| Dynamic load capacity (bending)               | Max. bending cycles: 2000000, Bending radius: 59 mm, Traversing path: 5 m, Traversing rate: 3 m/s, Acceleration: 5 m/s <sup>2</sup> |
| Flame resistance                              | according to UL 758/1581 (horizontal)   |
|   | in accordance with UL 758/1581 FT2  |
| Resistance to oil                             | According to DIN EN 60811-2-1, 168 h at 100°C   |
| Other resistance                              | hydrolysis and microbe resistant  |
|   | Low adhesion  |
|   | abrasion-resistant  |
|   | Resistant to salt water   |
| 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/us/products/1457461>



**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 | 48.769 kg CO2e |
|---------|----------------|

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