

# SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

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By the meter, Cable reel, PVC, black RAL 9005, 5-wire, color single wire: brown, white, blue, black, green-yellow, cable length: 100 m

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1501841                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF11                           |
| Product key                          | AF1LBA                         |
| GTIN                                 | 4017918813970                  |
| Weight per piece (including packing) | 3,949 g                        |
| Weight per piece (excluding packing) | 3,076.242 g                    |
| Customs tariff number                | 85444995                       |
| Country of origin                    | DE                             |

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## Technical data

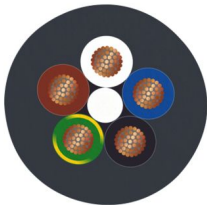
### Product properties

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

### Cable/line

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

### PVC black [PVC]

|                                            |                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing                        |  |
| Cable weight                               | 51 kg/km                                                                            |
| UL AWM Style                               | 2464 / 1729 (80°C/300 V)                                                            |
| Number of positions                        | 5                                                                                   |
| Shielded                                   | no                                                                                  |
| Cable type                                 | PVC black [PVC]                                                                     |
| Conductor structure signal line            | 19x 0.15 mm                                                                         |
| AWG signal line                            | 22                                                                                  |
| Conductor cross section                    | 5x 0.34 mm <sup>2</sup> (Signal line)                                               |
| Wire diameter incl. insulation             | 1.26 mm ±0.05 mm                                                                    |
| External cable diameter                    | 5.00 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, white, blue, black, green-yellow                                             |
| Thickness, insulation                      | ≥ 0.23 mm (Core insulation)                                                         |
| Thickness, outer sheath                    | ≥ 0.76 mm                                                                           |
| Overall twist                              | 5 wires around filler to the core                                                   |
| Max. conductor resistance                  | max. 57 Ω/km (at 20 °C)                                                             |
| Insulation resistance                      | ≥ 200 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   | 25 mm                                           |
| Smallest bending radius, movable installation | 50 mm                                           |
| Flame resistance                              | UL VW-1                                         |
| Resistance to oil                             | in accordance with DIN EN 60811-2-1             |
| Ambient temperature (operation)               | -25 °C ... 80 °C (cable, fixed installation)    |
|                                               | -10 °C ... 80 °C (Cable, flexible installation) |

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## Approvals

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**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 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 | 35.621 kg CO2e |
|---------|----------------|

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