

# SAC-4P+D-24AWG-OE-OE-680-100,0 - Cable reel



1112977

<https://www.phoenixcontact.com/us/products/1112977>

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By the meter, Cable reel, shielded, PVC, gray, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m, Foil shielding plus drain wire

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1112977       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | BF1IIB        |
| GTIN                                 | 4063151034528 |
| Weight per piece (including packing) | 22.22 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Country of origin                    | US            |

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## Technical data

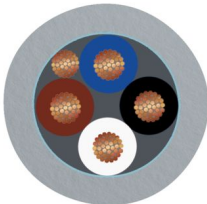
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 4                  |

### Electrical properties

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
|-----------------------|-------|

### Cable/line

|                                               |                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------|
| Cable length                                  | 100 m                                                                               |
| Dimensional drawing                           |  |
| Cable weight                                  | 30.3 kg/km                                                                          |
| UL AWM Style                                  | 2517 (105 °C / 300 V)                                                               |
| Number of positions                           | 4                                                                                   |
| Shielded                                      | yes                                                                                 |
| AWG signal line                               | 24                                                                                  |
| Wire diameter incl. insulation                | 1.12 mm $\pm$ 0.03 mm                                                               |
| External cable diameter                       | 4.45 mm $\pm$ 0.2 mm                                                                |
| Outer sheath, material                        | PVC                                                                                 |
| External sheath, color                        | gray                                                                                |
| Conductor material                            | Tin-plated Cu litz wires                                                            |
| Material wire insulation                      | PVC (Signal line)                                                                   |
| Single wire, color                            | brown, white, blue, black                                                           |
| Type of pair shielding                        | Plastic-coated aluminum foil, aluminum side inside                                  |
| Overall twist                                 | Conductors, fillers, and drain wire are twisted with left-hand lay                  |
| Max. conductor resistance                     | max. 80.2 $\Omega$ /km (20 °C)                                                      |
| Insulation resistance                         | $\geq$ (550 M Ohms/m @ 500V)                                                        |
| Nominal voltage, cable                        | 300 V                                                                               |
| Minimum bending radius, flexible installation | 8 x D                                                                               |
| Smallest bending radius, movable installation | 36 mm                                                                               |
| Flame resistance                              | FT4                                                                                 |
| Other resistance                              | UV resistant                                                                        |
| Ambient temperature (operation)               | -30 °C ... 105 °C (cable, fixed installation)                                       |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27061801 |
| ECLASS-12.0 | 27061801 |
| ECLASS-13.0 | 27061801 |

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## Accessories

### WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/us/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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