

# SAC-4P+D-22AWG-OE-OE-680-300,0 - Cable reel



1112982

<https://www.phoenixcontact.com/us/products/1112982>

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By the meter, Cable reel, shielded, PVC, gray, 4-wire, color single wire: brown, white, blue, black, cable length: 300 m, Foil shielding plus drain wire

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1112982       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | BF1IIB        |
| GTIN                                 | 4063151034030 |
| 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

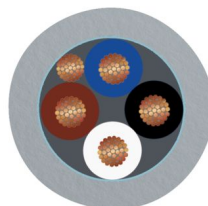
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
|-----------------------|-------|

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 300 m |
|--------------|-------|

PVC, gray, 105°C [680]

Dimensional drawing



|                                               |                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------|
| Cable weight                                  | 45.42 kg/km                                                        |
| UL AWM Style                                  | 2517 (105 °C / 300 V)                                              |
| Number of positions                           | 4                                                                  |
| Shielded                                      | yes                                                                |
| Cable type                                    | PVC, gray, 105°C [680]                                             |
| AWG signal line                               | 22                                                                 |
| Wire diameter incl. insulation                | 1.27 mm $\pm$ 0.03 mm                                              |
| External cable diameter                       | 5.08 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. 51.1 $\Omega$ /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 | 41 mm                                                              |
| Flame resistance                              | FT4                                                                |
| Other resistance                              | UV resistant                                                       |

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|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Special properties              | UL standards PLTC and ITC                     |
| 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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