

# SAC-4P-0,34-OE-OE-240-100,0 US - Cable reel



1422048

<https://www.phoenixcontact.com/us/products/1422048>

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By the meter, Cable reel, PUR halogen-free, yellow, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1422048                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF16                           |
| Product key                          | BF1IIA                         |
| GTIN                                 | 4055626325118                  |
| Weight per piece (including packing) | 22.22 g                        |
| Weight per piece (excluding packing) | 22.22 g                        |
| Customs tariff number                | 85444995                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

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

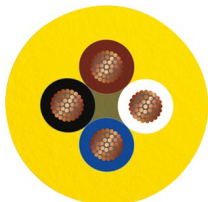
### Electrical properties

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

### Cable/line

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

### PUR halogen-free yellow [240]

|                                 |   |
|---------------------------------|---|
| Dimensional drawing             |  |
| Cable weight                    | 30 kg/km  |
| Number of positions             | 4   |
| Shielded                        | no  |
| Cable type                      | PUR halogen-free yellow [240]   |
| Conductor structure signal line | 42x 0.10 mm   |
| AWG signal line                 | 22  |
| Conductor cross section         | 4x 0.34 mm <sup>2</sup>   |
| Wire diameter incl. insulation  | 1.27 mm ±0.02 mm  |
| External cable diameter         | 4.7 mm ±0.15 mm   |
| Outer sheath, material          | PUR   |
| External sheath, color          | yellow  |
| Conductor material              | Bare Cu litz wires  |
| Material wire insulation        | PP  |
| Single wire, color              | brown, white, blue, black   |
| Thickness, insulation           | ≥ 0.21 mm (Core insulation)<br>approx. 0.8 mm (Outer cable sheath)                  |
| Overall twist                   | 4 wires, twisted  |
| Length of twist, overall twist  | 49.5 mm   |
| Max. conductor resistance       | max. 58 Ω/km (at 20 °C)   |
| Insulation resistance           | ≥ 1 GΩ*km (at 20 °C)  |
| Nominal voltage, cable          | ≤ 300 V   |
| Test voltage                    | ≥ 3000 V  |

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|   |   |
|---|---|
| Smallest bending radius, fixed installation   | 23.5 mm   |
| Smallest bending radius, movable installation | 47 mm   |
| Max. bending cycles                           | 4000000   |
| Halogen-free                                  | in accordance with DIN VDE 0472 part 815                            |
|   | in accordance with DIN EN 50267-2-1                                 |
| Flame resistance                              | in accordance with DIN UL-Style 20549                               |
|   | in accordance with FT1 as per UL 758                                |
| Resistance to oil                             | in accordance with DIN EN 60811-2-1                                 |
| Other resistance                              | Highly resistant to acids, alkaline solutions and solvents          |
|   | hydrolysis and microbe resistant                                    |
| Special properties                            | Flexible cable conduit capable                                      |
|   | Silicone-free   |
|   | Free of substances which would hinder coating with paint or varnish |
| Ambient temperature (operation)               | -40 °C ... 80 °C (cable, fixed installation)                        |
|   | -25 °C ... 80 °C (Cable, flexible installation)                     |

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 7.0 | EC003249 |
|----------|----------|

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## Environmental product compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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