

## Cable reel - SAC-4P-100,0-PUR/SH-0,25 - 1535794


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Cable ring, black halogen-free PUR, 4-pos., shielded, 4 x 0.25 mm<sup>2</sup>, conductor colors: brown/white/blue/black, cable length: 100 m

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 027366 |
| GTIN                                 | 4046356027366                                                                                           |
| Weight per Piece (excluding packing) | 3,577.000 g                                                                                             |
| Custom tariff number                 | 85444290                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                 |       |
|-----------------|-------|
| Length of cable | 100 m |
|-----------------|-------|

#### General

|                     |   |
|---------------------|---|
| Number of positions | 4 |
|---------------------|---|

#### Cable

|                           |                                       |
|---------------------------|---------------------------------------|
| Cable type                | PUR halogen-free black                |
| Cable type (abbreviation) | PUR                                   |
| Cable abbreviation        | LIF9YC11Y                             |
| UL AWM style              | 20549                                 |
| Conductor cross section   | 4x 0.25 mm <sup>2</sup> (Signal line) |
| AWG signal line           | 24                                    |

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### Technical data

#### Cable

|                                               |                                                                     |
|-----------------------------------------------|---------------------------------------------------------------------|
| Conductor structure signal line               | 32x 0.10 mm                                                         |
| Core diameter including insulation            | 1.17 mm ±0.02 mm (Signal line)                                      |
| Thickness, insulation                         | ≥ 0.21 mm (Core insulation)                                         |
|                                               | approx. 0.5 mm (Outer cable sheath)                                 |
| Wire colors                                   | brown, white, blue, black                                           |
| Overall twist                                 | 4 wires, twisted                                                    |
| Shielding                                     | Braided copper wires                                                |
| Optical shield covering                       | 80 %                                                                |
| External sheath, color                        | black-gray RAL 7021                                                 |
| External cable diameter D                     | 4.7 mm ±0.15 mm                                                     |
| Smallest bending radius, fixed installation   | 24 mm                                                               |
| Smallest bending radius, movable installation | 48 mm                                                               |
| Number of bending cycles                      | 10000000                                                            |
| Bending radius                                | 48 mm                                                               |
| Traversing path                               | 10 m                                                                |
| Traversing rate                               | 3 m/s                                                               |
| Acceleration                                  | 10 m/s <sup>2</sup>                                                 |
| Cable weight                                  | 31 kg/km                                                            |
| Outer sheath, material                        | PUR                                                                 |
| Material conductor insulation                 | PP                                                                  |
| Conductor material                            | Bare Cu litz wires                                                  |
| Insulation resistance                         | ≥ 100 GΩ*km (at 20 °C)                                              |
| Conductor resistance                          | max. 78 Ω/km (at 20 °C)                                             |
| Nominal voltage, cable                        | ≤ 300 V                                                             |
| Test voltage, cable                           | ≥ 3000 V                                                            |
| Special properties                            | Flexible cable conduit capable                                      |
|                                               | Silicone-free                                                       |
|                                               | Free of substances which would hinder coating with paint or varnish |
| Flame resistance                              | in accordance with UL 758/1581 FT2                                  |
|                                               | DIN EN 60332-2-2 (20 s)                                             |
| Halogen-free                                  | in accordance with DIN VDE 0472 part 815                            |
| 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                                    |
|                                               | partly UV-resistant in accordance with DIN EN ISO 4892-2-A          |
| Ambient temperature (operation)               | -40 °C ... 80 °C (cable, fixed installation)                        |
|                                               | -25 °C ... 80 °C (cable, flexible installation)                     |

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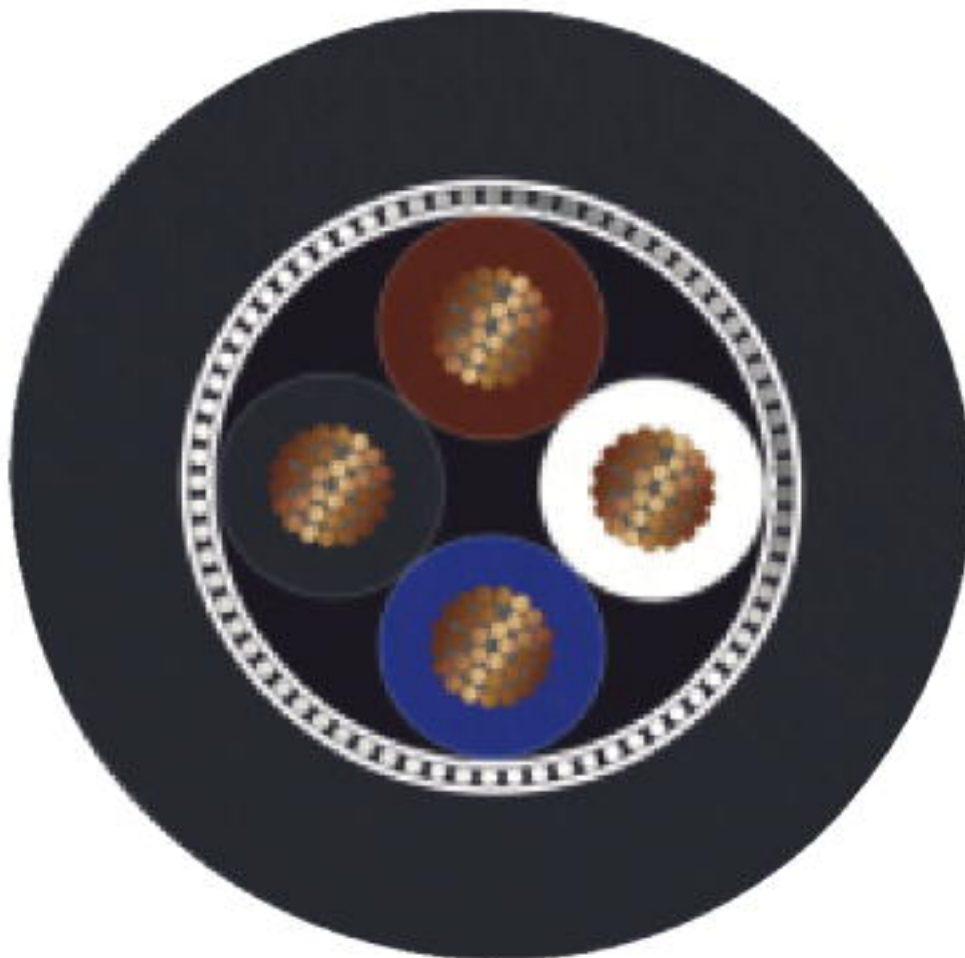
### Technical data

#### Environmental Product Compliance

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

### Drawings

Cable cross section



PUR halogen-free black [PUR]

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### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27060106 |
| eCl@ss 4.0    | 27060300 |
| eCl@ss 4.1    | 27060300 |
| eCl@ss 5.0    | 27061800 |
| eCl@ss 5.1    | 27061800 |
| eCl@ss 6.0    | 27062000 |
| eCl@ss 7.0    | 27062011 |
| eCl@ss 8.0    | 27062011 |
| eCl@ss 9.0    | 27062011 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001578 |
| ETIM 6.0 | EC001578 |
| ETIM 7.0 | EC003250 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |
| UNSPSC 18.0   | 39121465 |
| UNSPSC 19.0   | 39121465 |
| UNSPSC 20.0   | 39121465 |
| UNSPSC 21.0   | 39121465 |

### Accessories

Accessories

Stripping tool

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### Accessories

Stripping tool - WIREFOX SAC - 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