

## Sensor/Actuator cable - SAC-5P-100,0-PUR/SH-0,34 - 1501728

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Cable ring, PUR halogen-free black, 5-pos., shielded, conductor colors: Brown/white/blue/black/gray, cable length: 100 m



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                   |
| GTIN                                 | <br>4 017918 813437 |
| Weight per Piece (excluding packing) | 4985.6 g                                                                                               |
| Custom tariff number                 | 85444995                                                                                               |
| Country of origin                    | Germany                                                                                                |
| Note                                 | Made to Order (non-returnable)                                                                         |

### Technical data

#### Dimensions

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

#### General

|                     |   |
|---------------------|---|
| Number of positions | 5 |
|---------------------|---|

#### Cable

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Cable type                         | PUR halogen-free black                |
| Cable type (abbreviation)          | PUR                                   |
| Cable abbreviation                 | LiF9YC11Y                             |
| UL AWM style                       | 20549                                 |
| Conductor cross section            | 5x 0.34 mm <sup>2</sup> (signal line) |
| AWG signal line                    | 22                                    |
| Conductor structure signal line    | 42x 0.10 mm                           |
| Core diameter including insulation | 1.27 mm ±0.02 mm (signal line)        |
| Wire colors                        | Brown, white, blue, black, gray       |
| Overall twist                      | 5 wires around filler to the core     |
| Shielding                          | Tinned copper braided shield          |

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### Technical data

#### Cable

|                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| Optical shield covering                       | 85 %                                                       |
| External sheath, color                        | Black RAL 9005                                             |
| External cable diameter D                     | 5.9 mm ±0.2 mm                                             |
| Smallest bending radius, fixed installation   | 29.5 mm                                                    |
| Smallest bending radius, movable installation | 59 mm (up to +60 °C)                                       |
| Number of bending cycles                      | 4000000                                                    |
| Bending radius                                | 59 mm                                                      |
| Traversing path                               | 10 m                                                       |
| Traversing rate                               | 3 m/s                                                      |
| Acceleration                                  | 10 m/s <sup>2</sup>                                        |
| Outer sheath, material                        | PUR                                                        |
| Material conductor insulation                 | PP                                                         |
| Conductor material                            | Bare Cu litz wires                                         |
| Insulation resistance                         | 70 GΩ*km (at 20 °C)                                        |
| Conductor resistance                          | max. 57 Ω/km (at 20 °C)                                    |
| Nominal voltage, cable                        | 300 V (at 20 °C)                                           |
| Test voltage Core/Core                        | 3000 V (at 20 °C)                                          |
| Special properties                            | Flexible cable conduit capable                             |
| Flame resistance                              | in acc. with UL FT-2                                       |
| Halogen-free                                  | in accordance with DIN VDE 0472 part 815                   |
| Other resistance                              | 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)            |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27062011 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

#### Approval details

|     |
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| EAC |
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### Accessories

#### Accessories

##### Stripping tool

Stripping tool - WIREFOX SAC - 1212623



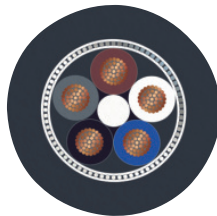
Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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### Drawings

## Sensor/Actuator cable - SAC-5P-100,0-PUR/SH-0,34 - 1501728

Cable cross section



PUR halogen-free black [PUR]