

## Sensor/Actuator cable - SAC-3P-100,0-100/0,34 - 1502206

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Cable ring, PUR/PVC gray, 3-pos., conductor colors: brown/blue/black, cable length: 100 m

### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 1        |
| Weight per Piece (excluding packing) | 3451.0 GRM |
| Custom tariff number                 | 85444290   |
| Country of origin                    | Germany    |

### Technical data

#### Dimensions

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

#### General

|                     |   |
|---------------------|---|
| Number of positions | 3 |
|---------------------|---|

#### Cable

|                                    |                                |
|------------------------------------|--------------------------------|
| Cable type                         | PUR/PVC gray                   |
| Cable type (abbreviation)          | 100                            |
| Cable abbreviation                 | LiYY-11Y                       |
| Conductor cross section            | 0.34 mm <sup>2</sup>           |
| AWG signal line                    | 22                             |
| Conductor structure signal line    | 42x 0.10 mm                    |
| Core diameter including insulation | 1.5 mm ±0.05 mm                |
| Thickness, insulation              | ≥ 0.23 mm (Core insulation)    |
|                                    | ≥ 0.38 mm (Outer cable sheath) |
|                                    | approx. 0.5 mm (Inner sheath)  |
| Wire colors                        | brown, blue, black             |
| Overall twist                      | 3 wires, twisted               |
| External sheath, color             | Gray RAL 7001                  |

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### Technical data

#### Cable

|   |  |
|---|--|
| External cable diameter D                     | 5.2 mm ± 0.2 mm                                |
| Smallest bending radius, fixed installation   | 26 mm  |
| Smallest bending radius, movable installation | 52 mm  |
| Number of bending cycles                      | 2000000  |
| Bending radius                                | 52 mm  |
| Traversing path                               | 5 m  |
| Traversing rate                               | 3 m/s  |
| Cable weight                                  | 37 kg/km                                       |
| Outer sheath, material                        | PUR  |
| Material, inner sheath                        | PVC  |
| Material conductor insulation                 | PVC  |
| Conductor material                            | Bare Cu litz wires                             |
| Insulation resistance                         | ≥ 100 MΩ*km (at 20 °C)                         |
| Conductor resistance                          | max. 58 Ω/km (at 20 °C)                        |
| Nominal voltage, cable                        | ≤ 300 V  |
| Test voltage, cable                           | ≥ 3000 V                                       |
| Flame resistance                              | in accordance with DIN UL-Style 20549          |
| Ambient temperature (operation)               | -25 °C ... 80 °C (cable, fixed installation)   |
|   | -5 °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 | 27061801 |

#### 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 |

### 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