

# Sensor/actuator cable - SAC-4P-100,0-180/0,34 - 1501786


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Cable ring, PUR halogen-free orange, 4-pos., conductor colors: Brown / white / blue / black, cable length: 100 m



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 017918 813499 |
| GTIN         | 4017918813499   |

## Technical data

### Dimensions

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

### General

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

### Cable

|                                    |                              |
|------------------------------------|------------------------------|
| Cable type                         | PUR halogen-free orange      |
| Cable type (abbreviation)          | 180                          |
| Cable abbreviation                 | Li31Y-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 | 1.55 mm ±0.05 mm             |
| Thickness, insulation              | 0.39 mm (Core insulation)    |
|                                    | 0.75 mm (Outer cable sheath) |
| Wire colors                        | brown, white, blue, black    |
| Overall twist                      | 4 wires, twisted             |
| External sheath, color             | orange RAL 2003              |
| External cable diameter            | 5.20 mm                      |

## Sensor/actuator cable - SAC-4P-100,0-180/0,34 - 1501786

### Technical data

#### Cable

|   |   |
|---|---|
| Smallest bending radius, fixed installation   | 52 mm   |
| Smallest bending radius, movable installation | 78 mm   |
| Number of bending cycles                      | 4000000   |
| Bending radius                                | 78 mm   |
| Traversing path                               | 10 m  |
| Traversing rate                               | 3 m/s   |
| Acceleration                                  | 10 m/s <sup>2</sup>                             |
| Cable weight                                  | 35 kg/km  |
| Outer sheath, material                        | PUR   |
| Material conductor insulation                 | TPE   |
| Conductor material                            | Bare Cu litz wires                              |
| Conductor resistance                          | ≤ 57.5 Ω/km                                     |
| Test voltage, cable                           | 2500 V  |
| Ambient temperature (operation)               | -25 °C ... 105 °C (cable, fixed installation)   |
|   | -5 °C ... 105 °C (cable, flexible installation) |

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