

## Cable reel - SAC-4P-100,0-800/0,34 - 1566239

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Cable ring, PUR halogen-free, highly flexible, resistant to welding beads, gray, 4-pos., conductor colors: Brown/white/blue/black, cable length: 100 m



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| GTIN                                 |               |
| GTIN                                 | 4046356327176 |
| Weight per Piece (excluding packing) | 2,991.000 g   |
| Custom tariff number                 | 85444290      |
| Country of origin                    | Germany       |

### Technical data

#### Dimensions

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

#### General

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

#### Cable

|                                    |  |
|------------------------------------|--|
| Note                               | Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments. |
| Cable type                         | Gray, highly flexible PUR  |
| Cable type (abbreviation)          | 800  |
| Cable abbreviation                 | Li12YYTPE-HF   |
| UL AWM style                       | 20233  |
| Conductor cross section            | 4x 0.34 mm <sup>2</sup> (Signal line)  |
| AWG signal line                    | 22   |
| Conductor structure signal line    | 42x 0.10 mm  |
| Core diameter including insulation | 1.3 mm ±0.05 mm (Signal line)  |

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### Technical data

#### Cable

|   |  |
|---|--|
| Wire colors                                     | brown, white, blue, black  |
| Overall twist                                   | 4 wires, twisted   |
| External sheath, color                          | gray RAL 7001  |
| External cable diameter D                       | 4.8 mm ±0.2 mm   |
| Minimum bending radius, fixed installation      | 4 x D  |
| Minimum bending radius, flexible installation   | 7.5 x D  |
| Number of bending cycles                        | 10000000   |
| Minimum bending radius, drag chain applications | 7,5 x D  |
| Traversing path                                 | 5 m  |
| Traversing rate                                 | 3.3 m/s  |
| Acceleration                                    | 5 m/s <sup>2</sup>   |
| Number of bending cycles                        | 15000000   |
| Bending radius                                  | 50 mm  |
| Traversing path                                 | 0.9 m  |
| Traversing rate                                 | 5 m/s  |
| Acceleration                                    | 30 m/s <sup>2</sup>  |
| Torsion force                                   | ± 360 °/m (1 000 000 torsion cycles)   |
| Cable weight                                    | 33.5 kg/km   |
| Outer sheath, material                          | PUR  |
| Material conductor insulation                   | PES  |
| Conductor material                              | Bare Cu litz wires   |
| Insulation resistance                           | ≥ 20 MΩ*km   |
| Conductor resistance                            | approx. 53 Ω/km  |
| Nominal voltage, cable                          | 300 V  |
| Test voltage, cable                             | 2000 V   |
| Special properties                              | Cable jacket is welding spark-resistant, recyclable, matt, low-adhesion, abrasion-resistant, flame-retardant, and self-extinguishing |
|   | Free from silicone and cadmium   |
|   | Free of substances which would hinder coating with paint or varnish  |
| Flame resistance                                | according to IEC 60332-1-2   |
|   | according to UL 758/1581 VW-1  |
|   | according to UL 758/1581 FT1   |
| Halogen-free                                    | in accordance with DIN VDE 0472 part 815   |
| Resistance to oil                               | According to HD 22.10  |
|   | in accordance with DIN EN 60811-404 (external sheath)  |
| Other resistance                                | Highly resistant to acids, alkaline solutions and solvents   |
|   | Silicone-free  |
| Ambient temperature (operation)                 | -40 °C ... 90 °C (cable, fixed installation)   |
|   | -30 °C ... 90 °C (cable, flexible installation)  |
|   | to 120 °C (for 3000 h)   |

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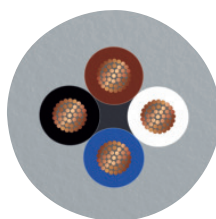
## Technical data

### Environmental Product Compliance

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

## Drawings

Cable cross section



Gray, highly flexible PUR [800]

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 19030300 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27062011 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001578 |
| ETIM 6.0 | EC001578 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 26121604 |

## Approvals

### Approvals

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## Approvals

### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

### Ex Approvals

### Approval details

|                    |  |   |               |
|--------------------|--|---|---------------|
| UL Listed          |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 221474 |
| Nominal voltage UN |  | 300 V   |               |
| Nominal current IN |  | 4 A   |               |

|                    |  |   |               |
|--------------------|--|---|---------------|
| cUL Listed         |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 221474 |
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| Nominal current IN |  | 4 A   |               |

|     |  |                          |
|-----|--|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.00767 |
|-----|--|--------------------------|

|              |  |
|--------------|--|
| cULus Listed |  |
|--------------|--|

## 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

