

# Master cable ring - SACB- 8X0,34/2X0,75-50 PUR - 1517592


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 10-pos., 8 x 0.34 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>, length: 50 m



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 017918 933319 |
| GTIN         | 4017918933319   |

## Technical data

### General

|                     |       |
|---------------------|-------|
| Rated voltage       | 300 V |
| Number of positions | 10    |

### Master cable data/connection data

|                 |  |
|-----------------|--|
| Length of cable | 50 m   |
| Cable type      | Master cable suitable for flexible cable conduit |

### Cable

|                                     |   |
|-------------------------------------|---|
| Cable type                          | PUR/PVC black   |
| Cable type (abbreviation)           | PUR   |
| Cable abbreviation                  | LiYY11Y-HF  |
| UL AWM style                        | 20549   |
| Conductor cross section             | 8x 0.34 mm <sup>2</sup> (Signal line)<br>2x 0.75 mm <sup>2</sup> (power line) |
| AWG signal line                     | 22  |
| AWG power supply                    | 18  |
| Conductor structure signal line     | 19x 0.15 mm   |
| Conductor structure, voltage supply | 42x 0.15 mm   |
| Core diameter including insulation  | 1.3 mm ±0.1 mm (Signal line)  |

# Master cable ring - SACB- 8X0,34/2X0,75-50 PUR - 1517592

## Technical data

### Cable

|   |   |
|---|---|
|   | 1.8 mm ±0.1 mm (power line)                                       |
| Wire colors                                   | brown, blue, white, green, yellow, gray, pink, red, black, violet |
| Overall twist                                 | Wires twisted in layers   |
| External sheath, color                        | black RAL 9005  |
| Inner sheath thickness                        | ≥ 0.15 mm   |
| Outer sheath thickness                        | ≥ 0.38 mm   |
| External cable diameter D                     | 7.9 mm ±0.2 mm  |
| Minimum bending radius, fixed installation    | 7.5 x D   |
| Minimum bending radius, flexible installation | 10 x D  |
| Number of bending cycles                      | 1500000   |
| Bending radius                                | 79 mm   |
| Traversing path                               | 2 m   |
| Traversing rate                               | 2 m/s   |
| Cable weight                                  | 92 kg/km  |
| Outer sheath, material                        | PUR   |
| Material, inner sheath                        | PVC   |
| Material conductor insulation                 | PVC   |
| Conductor material                            | Bare Cu litz wires  |
| Nominal voltage, cable                        | 300 V   |
| Test voltage, cable                           | 2000 V  |
| Special properties                            | Silicone-free   |
| Flame resistance                              | DIN EN 50265  |
| Resistance to oil                             | according to VDE 0472 Part 803                                    |
| Other resistance                              | Highly resistant to acids, alkaline solutions and solvents        |
| Ambient temperature (operation)               | -40 °C ... 90 °C (cable, fixed installation)                      |
|   | -5 °C ... 80 °C (cable, flexible installation)                    |

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

# Master cable ring - SACB- 8X0,34/2X0,75-50 PUR - 1517592

Cable cross section



PUR/PVC black [PUR]

## Approvals

Approvals

---

Approvals

EAC

---

Ex Approvals

---

## Approval details

|     |  |               |
|-----|--|---------------|
| EAC |  | EAC-Zulassung |
|-----|--|---------------|

---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>