

# SACB-16X0,5/ 3X1,0-50,0 VPUR - Master cable ring



1430938

<https://www.phoenixcontact.com/us/products/1430938>

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Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm<sup>2</sup> and 3 x 1.00 mm<sup>2</sup>, length: 50 m

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1430938                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF45                           |
| Product key                          | AF3ZBX                         |
| GTIN                                 | 4046356332958                  |
| Weight per piece (including packing) | 9,632 g                        |
| Weight per piece (excluding packing) | 9,115 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Distributor boxes  |
| Number of positions | 19                 |


### Electrical properties

|                       |          |
|-----------------------|----------|
| Nominal voltage $U_N$ | 300 V AC |
|                       | 300 V DC |

### Cable/line

|              |      |
|--------------|------|
| Cable length | 50 m |
|--------------|------|

### PUR halogen-free black [PUR]

|   |  |
|---|--|
| Dimensional drawing                         |    |
| Number of positions                         | 19   |
| Shielded                                    | no   |
| Cable type                                  | PUR halogen-free black [PUR]   |
| Conductor structure signal line             | 64x 0.10 mm  |
| AWG signal line                             | 20   |
| Conductor structure, voltage supply         | 128x 0.10 mm   |
| AWG power supply                            | 17   |
| Conductor cross-section                     | 16x 0.5 mm <sup>2</sup> (Signal line)<br>3x 1 mm <sup>2</sup> (power line)   |
| External cable diameter                     | 11.60 mm ±0.3 mm   |
| Outer sheath, material                      | PUR  |
| External sheath, color                      | black RAL 9005   |
| Conductor material                          | Bare Cu litz wires   |
| Material wire insulation                    | PP   |
| Single wire, color                          | brown, blue, green/yellow, white, green, yellow, gray, pink, red, black, violet, gray/pink, red/blue, white/green, brown/green, white/yellow, yellow/brown, white/gray, gray/brown |
| Overall twist                               | Wires twisted in layers  |
| Nominal voltage, cable                      | 300 V  |
| Test voltage                                | 2000 V   |
| Smallest bending radius, fixed installation | 116 mm   |

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|   |  |
|---|--|
| Smallest bending radius, movable installation | 116 mm   |
| Dynamic load capacity (bending)               | Max. bending cycles: 1500000, Bending radius: 116 mm, Traversing path: 2 m, Traversing rate: 2 m/s |
| Flame resistance                              | DIN EN 50265   |
| Resistance to oil                             | according to VDE 0472 Part 803   |
| Other resistance                              | Highly resistant to acids, alkaline solutions and solvents   |
| Special properties                            | Silicone-free  |
| Ambient temperature (operation)               | -40 °C ... 90 °C (cable, fixed installation)<br>-5 °C ... 80 °C (Cable, flexible installation)     |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060106 |
| ECLASS-15.0 | 27060106 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003250 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |                |
|---------|----------------|
| CO2e kg | 32.978 kg CO2e |
|---------|----------------|

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