# SACB-16X0,5/ 3X1,0-100,0 VPUR - Master cable

1423423

https://www.phoenixcontact.com/us/products/1423423

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Master cable for sensor/actuator boxes, with PE conductor, unshielded, material: PUR/PP, 19-pos., 16 x 0.50 $mm^2$ and 3 x 1.00 $mm^2$, length: 100 m

## Commercial data

| | |
|---|---|
| Item number | 1423423 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF45 |
| Product key | AF3ZBX |
| GTIN | 4055626341958 |
| Weight per piece (including packing) | 23,000 g |
| Weight per piece (excluding packing) | 22.22 g |
| Customs tariff number | 85444995 |
| Country of origin | DE |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Cable by the meter |
| Application | Distributor boxes |

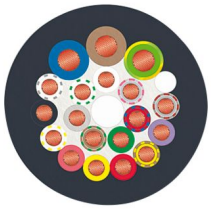
### Electrical properties

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

### Cable/line

| | |
|---|---|
| Cable length | 100 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 mm² (Signal line) |
| | 3x 1 mm² (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 |
| 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) |
| | -5 °C ... 80 °C (Cable, flexible installation) |

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## Environmental product compliance

EU RoHS

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|---|---|
| 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% |


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