

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



1423423

<https://www.phoenixcontact.com/pc/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<sup>2</sup> and 3 x 1.00 mm<sup>2</sup>, length: 100 m



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1423423                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BF3ZBX                         |
| 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                             |

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## Technical data

### Product properties

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

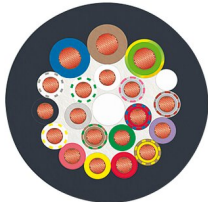
### Electrical properties

|                       |       |
|-----------------------|-------|
| 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 cross section                       | 16x 0.5 mm <sup>2</sup> (Signal line)<br>3x 1 mm <sup>2</sup> (power line)                                                                                                         |
| External cable diameter                       | 11.6 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                                                                                                                                                                             |
| Max. bending cycles                           | 1500000                                                                                                                                                                            |
| Flame resistance                              | DIN EN 50265                                                                                                                                                                       |
| Resistance to oil                             | according to VDE 0472 Part 803                                                                                                                                                     |

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|                                 |                                                            |
|---------------------------------|------------------------------------------------------------|
| 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)             |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27060106 |
| ECLASS-12.0 | 27060106 |
| ECLASS-13.0 | 27060106 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC003250 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

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

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## Accessories

### WIREFOX-D 13 - Stripping tool

1212162

<https://www.phoenixcontact.com/pc/products/1212162>



Stripping tool, for stripping installation lines of  $\varnothing$  8 - 13 mm , e.g. NYM 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>, single line stripping 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup> , with longitudinal cut blade and sliding knife

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### WIREFOX-D 40 - Stripping tool

1212161

<https://www.phoenixcontact.com/pc/products/1212161>



Stripping tool, for stripping cables of 4.5 mm - 40 mm- $\varnothing$ , insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

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## WIREFOX 4 - Stripping tool

1212156

<https://www.phoenixcontact.com/pc/products/1212156>



Stripping tool, for cables and conductors (especially for rubber and silicone insulations) from 0.1 - 4 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

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