

# 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<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)
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

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## Technical data

### Product properties

Application	Distributor boxes
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### Electrical properties

Nominal voltage $U_N$	300 V
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### Cable/line

Cable length	100 m
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### 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) 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
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

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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)

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## Classifications

### ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

### ETIM

ETIM 10.0	EC003250
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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