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

1430938

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

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 documentation. Our general terms of use for downloads are valid.



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: 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

Technical data

Product properties

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

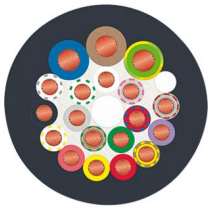
Electrical properties

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 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

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

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com