

SACB-16X0,5/ 3X1,0-50,0 80MC - Master cable ring



1402304

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Master cable for sensor/actuator boxes, 19-wire, unshielded, PUR halogen-free, drag chain and robot compatible, black outer sheath, 16 x 0.5 mm² and 3 x 1.0 mm²



Commercial data

Item number	1402304
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF45
Product key	BF3ZBX
Catalog page	Page 305 (C-2-2019)
GTIN	4046356594196
Weight per piece (including packing)	9,200 g
Weight per piece (excluding packing)	9,006 g
Customs tariff number	85444995
Country of origin	PL

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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
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PUR halogen-free, highly flexible [80MC]

Dimensional drawing	
Number of positions	19
Shielded	no
Cable type	PUR halogen-free, highly flexible [80MC]
Conductor structure signal line	28x 0.15 mm
AWG signal line	20
Conductor cross section	16x 0.5 mm ² (Signal line) 3x 1 mm ² (power line)
External cable diameter	10.75 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 to an optimum in two layers
Max. conductor resistance	39 Ω/km (Signal line) 19.5 Ω/m (power line)
Insulation resistance	≥ 10 MΩ*km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage	2000 V

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Smallest bending radius, fixed installation	90 mm
Smallest bending radius, movable installation	120 mm
Max. bending cycles	5000000
Torsion force	± 120 °/m
Torsion cycles	≥ 3000000
Halogen-free	The cable is halogen-free
Flame resistance	DIN EN 50265-2-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	somewhat resistant to welding sparks
Special properties	Silicone-free Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-30 °C ... 70 °C (cable, fixed installation) 5 °C ... 70 °C (Cable, flexible installation) to 80 °C (in acc. with UL)

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