

# Master cable ring - SACB-16X0,5/ 3X1,0-50,0 VPUR - 1430938


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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: 50 m



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 332958
GTIN	4046356332958

## Technical data

### General

Rated voltage	300 V
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### Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

### Master cable data/connection data

Length of cable	50 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	16x 0.5 mm <sup>2</sup>
AWG signal line	20
Conductor structure signal line	64x 0.10 mm
Power supply cross section	3x 1 mm <sup>2</sup>
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1500000
Bending radius	90 mm
Traversing path	2 m

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## Technical data

### Master cable data/connection data

Traversing rate	2 m/s
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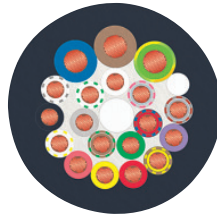
### Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	Li9Y11Y-HF
Conductor cross section	16x 0.5 mm <sup>2</sup> (Signal line)
	3x 1 mm <sup>2</sup> (power line)
AWG signal line	20
AWG power supply	17
Conductor structure signal line	64x 0.10 mm
Conductor structure, voltage supply	128x 0.10 mm
Overall twist	Wires twisted in layers
External sheath, color	black RAL 9005
External cable diameter D	11.6 mm ±0,3 mm
Smallest bending radius, fixed installation	116 mm
Smallest bending radius, movable installation	116 mm
Number of bending cycles	1500000
Bending radius	116 mm
Traversing path	2 m
Traversing rate	2 m/s
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Test voltage, cable	2000 V
Special properties	Silicone-free
Flame resistance	DIN EN 50265
Resistance to oil	As per VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

## Drawings

# Master cable ring - SACB-16X0,5/ 3X1,0-50,0 VPUR - 1430938

Cable cross section



PUR halogen-free black [PUR]

## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

EAC		EAC-Zulassung
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