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# Master cable ring - SACB- 4X0,34/2X0,75-50 PUR - 1517576

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Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 6-pos., 4 x 0.34 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>, length: 50 m

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 933296

## Technical data

### General

Rated voltage	300 V
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### Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °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	4x 0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm <sup>2</sup>
AWG power supply	19
Conductor structure, voltage supply	96x 0.10 mm
External diameter	7.1 mm
Max. bending cycles	1500000
Bending radius	75 mm
Traversing path	2 m
Traversing rate	2 m/s

### Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR

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## Technical data

### Cable

Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	4x 0.34 mm <sup>2</sup> (Signal line)
	2x 0.75 mm <sup>2</sup> (power line)
AWG signal line	22
AWG power supply	18
Conductor structure signal line	19x 0.15 mm
Conductor structure, voltage supply	42x 0.15 mm
Core diameter including insulation	1.3 mm ±0.1 mm (Signal line)
	1.8 mm ±0.1 mm (power line)
Overall twist	Wires twisted in layers
External sheath, color	black RAL 9005
Inner sheath thickness	≥ 0.15 mm
Outer sheath thickness	≥ 0.38 mm
External cable diameter D	6.8 mm ±0.2 mm
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	1500000
Bending radius	68 mm
Traversing path	2 m
Traversing rate	2 m/s
Cable weight	71.7 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
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)

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815

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## Classifications

### eCl@ss

eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27062011

### ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC000104
ETIM 5.0	EC001578

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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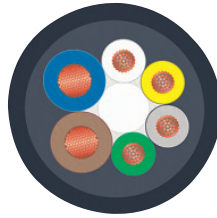
### Approval details

EAC
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## Drawings

## Master cable ring - SACB- 4X0,34/2X0,75-50 PUR - 1517576

Cable cross section



PUR/PVC black [PUR]

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