



**Automatización Eléctrica**  
Especialistas en Automatización

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## Cable ring - SAC-5P-100,0-116/0,75 - 1457429

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Cable ring, PUR black, 5-pos., conductor colors: black 1-4/green-yellow, cable length: 100 m

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 617550

### Technical data

#### Dimensions

Length of cable	100 m
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#### General

Number of positions	5
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#### Cable

Cable type	PUR/PVC, 0.75 mm <sup>2</sup> , black
Cable type (abbreviation)	116
Cable abbreviation	LiYY11Y
UL AWM style	20549
Conductor cross section	5x 0.75 mm <sup>2</sup> (Signal line)
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Core diameter including insulation	1.7 mm ±0.05 mm
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
Overall twist	5 cores, twisted
External sheath, color	black RAL 9005
External cable diameter	6.90 mm
Smallest bending radius, fixed installation	35 mm
Smallest bending radius, movable installation	69 mm
Number of bending cycles	1000000
Bending radius	69 mm
Traversing rate	2 m/s

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## Technical data

### Cable

Acceleration	2.5 m/s <sup>2</sup>
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	26 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	1200 V
Special properties	Free of substances which would hinder coating with paint or varnish
Flame resistance	DIN VDE 0482
	DIN EN 50265-2-1
	in acc. with UL FT-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27062011

### ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001578

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

## Cable ring - SAC-5P-100,0-116/0,75 - 1457429

### Approvals

Approvals

EAC

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Ex Approvals

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Approvals submitted

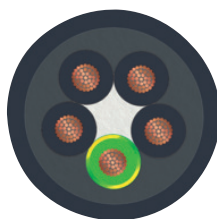
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### Approval details

EAC
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### Drawings

Cable cross section



PUR/PVC black [116]

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