

## Sensor/Actuator cable - SAC-3P-100,0-116/0,75 - 1457416

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Cable ring, PUR black, 3-pos., conductor colors: black 1-2/green-yellow, cable length: 100 m

### Key commercial data

Packing unit	1 1
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	100 m
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#### General

Number of positions	3
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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	3x 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, green/yellow
Overall twist	3 wires, twisted
External sheath, color	Black RAL 9005
External cable diameter	5.80 mm
Smallest bending radius, fixed installation	58 mm
Number of bending cycles	1000000

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### Technical data

#### Cable

Bending radius	58 mm
Traversing path	10 m
Traversing rate	2 m/s
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	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
Flame resistance	DIN VDE 0482
	DIN EN 50265-2-1
	In accordance with UL FT-2
Other resistance	Highly resistant to acids, alkaline solutions and solvents
	hydrolysis and microbe resistant
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	27061801

#### ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001855

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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### Approval details



## Accessories

### Accessories

#### Stripping tool

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length



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