

Sensor/actuator cable - SAC-5P-100,0-150/0,34+0,5 - 1501760

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Cable ring, PUR halogen-free irradiated orange, 5-pos., conductor colors: Brown / white / blue / black / green-yellow, cable length: 100 m

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 813475
GTIN	4017918813475

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 irradiated halogen-free orange
Cable type (abbreviation)	150
Cable abbreviation	D12YSL11X-JB
Conductor cross section	4x 0.34 mm ² (Signal line) 1x 0.5 mm ² (PE connection)
AWG signal line	22
AWG power supply	20
Conductor structure signal line	42x 0.10 mm
Conductor structure, voltage supply	24x 0.15 mm
Wire colors	Brown, blue, black, white, green/yellow
Overall twist	5 cores, twisted
External sheath, color	orange RAL 2003
External cable diameter D	5.2 mm ±0.2 mm

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Technical data

Cable

Smallest bending radius, fixed installation	min. 20 mm
Smallest bending radius, movable installation	min. 30 mm
Number of bending cycles	5000000
Bending radius	52 mm
Traversing path	10 m
Traversing rate	3 m/s
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Conductor resistance	$\leq 57.5 \Omega/\text{km}$ (with 0.34 mm^2 conductor cross section)
	$\leq 39 \Omega/\text{km}$ (with 0.5 mm^2 conductor cross section)
Nominal voltage, cable	250 V (AC)
Test voltage, cable	2000 V (50 Hz, 5 minutes)
Special properties	Silicone-free
	Irradiated
Flame resistance	DIN VDE 0472 part 804, test type B
Halogen-free	The cable is halogen-free
Other resistance	hydrolysis and microbe resistant
	UV resistant
	Resistant to welding splashes
Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
	-40 °C ... 105 °C (cable, flexible installation)

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Cable cross section



PUR irradiated halogen-free orange [150]

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