

Sensor/actuator cable - SAC-4P-100,0-180/0,25 - 1501812

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Cable ring, PUR halogen-free orange, 4-pos., conductor colors: Brown / white / blue / black, cable length: 100 m

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 813949
GTIN	4017918813949

Technical data

Dimensions

Length of cable	100 m
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General

Number of positions	4
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Cable

Cable type	PUR halogen-free orange
Cable type (abbreviation)	180
Cable abbreviation	Li9Y-11Y
UL AWM style	20549
Conductor cross section	4x 0.25 mm ² (Signal line)
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.17 mm ±0.02 mm (Signal line)
Thickness, insulation	≥ 0.21 mm (Core insulation)
	0.75 mm (Outer cable sheath)
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	orange RAL 2003
External cable diameter D	4.4 mm ±0.15 mm
Cable weight	25 kg/km
Outer sheath, material	PUR

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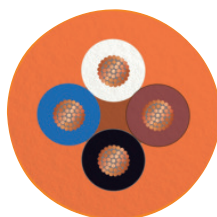
Technical data

Cable

Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq 10 \text{ G}\Omega \cdot \text{km}$ (at 20 °C)
Conductor resistance	max. $78 \text{ }\Omega/\text{km}$ (at 20 °C)
Nominal voltage, cable	$\leq 300 \text{ V}$
Test voltage, cable	$\geq 3000 \text{ V}$
Flame resistance	in accordance with DIN UL-Style 20549
Halogen-free	in accordance with DIN VDE 0472 part 815
Ambient temperature (operation)	-25 °C ... 80 °C (Cable)

Drawings

Cable cross section



PUR halogen-free orange [180]

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