

Sensor/Actuator cable - SAC-5P-100,0-180/0,34+0,5 - 1501799

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

Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	4274.3 GRM
Custom tariff number	85444995
Country of origin	Germany

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 halogen-free orange
Cable type (abbreviation)	180
Cable abbreviation	Kombi-Li31Y11Y
Conductor cross section	0.34 mm ²
AWG signal line	22
AWG power supply	20
Conductor structure signal line	42x 0.10 mm
Conductor structure, voltage supply	28x 0.15 mm
Core diameter including insulation	1.55 mm ±0.05 mm (signal line)
	1.65 mm ±0.05 mm (Power supply)
Thickness, insulation	0.39 mm (Conductor insulation, signal line)
	0.37 mm (Conductor insulation, voltage supply)
	0.65 mm (Outer cable sheath)

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Technical data

Cable

Wire colors	brown, white, blue, black, green-yellow
External sheath, color	orange RAL 2003
External cable diameter	5.20 mm
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	78 mm
Number of bending cycles	4000000
Bending radius	78 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Max. bending cycles	4000000
Bending radius	78 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Cable weight	42 kg/km
Outer sheath, material	PUR
Material, filler	Fiberglass
Material conductor insulation	TPE
Conductor material	Bare Cu litz wires
Conductor resistance	57.5 Ω/km (signal line)
	39 Ω/km (Power supply)
Test voltage, cable	2500 V
Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation)
	-5 °C ... 105 °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

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Classifications

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

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

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