

Sensor/Actuator cable - SAC-3P-100,0-180/0,25 - 1501809

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Cable ring, PUR halogen-free orange, 3-pos., conductor colors: Brown / blue / black, cable length: 100 m

Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	3469.7 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	3
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Cable

Cable type	PUR halogen-free orange
Cable type (abbreviation)	180
Cable abbreviation	Li31Y-11Y
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.35 mm ±0.05 mm
Thickness, insulation	0.35 mm (Core insulation)
	1.15 mm (Outer cable sheath)
Wire colors	brown, blue, black
Overall twist	3 wires, twisted
External sheath, color	orange RAL 2003
External cable diameter	5.20 mm

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Technical data

Cable

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	30 kg/km
Outer sheath, material	PUR
Material conductor insulation	TPE
Conductor material	Bare Cu litz wires
Conductor resistance	≤ 77.8 Ω/km
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
eCl@ss 8.0	27061801

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
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

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