

Sensor/actuator cable - SAC-5P-M12MS/3,0-PUR SO V2A - 1699876

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Sensor/actuator cable, PUR/PVC, black-gray RAL 7021, Plug straight M12, A-coded, on free cable end, cable length: 3 m

RoHS

Key Commercial Data

Packing unit	5 pc
Minimum order quantity	50 pc
GTIN	 4 017918 571917
GTIN	4017918571917
Sales Key	02

Technical data

Dimensions

Length of cable	3 m
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General

Rated voltage	48 V AC
	60 V DC
Coding	A - standard
Insertion/withdrawal cycles	≥ 100

Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Cable abbreviation	LiYY-11Y
UL AWM style	20549
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Thickness, insulation	approx. 0.3 mm (Core insulation)
	approx. 0.35 mm (Inner sheath)
	≥ 0.38 mm (Outer cable sheath)
Wire colors	brown, white, blue, black, green-yellow
Overall twist	5 wires around filler to the core

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Cable

External sheath, color	black-gray RAL 7021
External cable diameter D	5.9 mm $\pm$ 0.2 mm
Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	59 mm
Number of bending cycles	2000000
Bending radius	59 mm
Traversing path	5 m
Traversing rate	3 m/s
Cable weight	50 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material, filler	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq 100 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)
Conductor resistance	max. 58 Ω/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
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

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