

Sensor/actuator cable - SAC-8P-15,0-850/M12FS HN - 1444173

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Sensor/actuator cable, 8-position, PUR halogen-free, black RAL 9005, shielded, free cable end, on Socket straight M12, A-coded, cable length: 15 m

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 525701
GTIN	4046356525701

Technical data

Dimensions

Length of cable	15 m
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General

Rated voltage	30 V AC
	30 V DC
Number of positions	8
Insertion/withdrawal cycles	≥ 100

Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	850
Conductor cross section	4x 0.14 mm ² (Signal line)
	4x 0.34 mm ² (Power supply)
AWG signal line	26
AWG power supply	22
Conductor structure signal line	19x 0.10 mm
Conductor structure, voltage supply	45x 0.10 mm
Core diameter including insulation	1 mm (Signal line)
	1.1 mm (Power supply)
Thickness, insulation	≥ 0.38 mm (Outer cable sheath)
Wire colors	yellow, gray, violet, pink, white-green, brown-green, white, blue
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	black RAL 9005

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Cable

External cable diameter	6.00 mm
Smallest bending radius, fixed installation	≥ 20 mm
Smallest bending radius, movable installation	≥ 75 mm
Number of bending cycles	5000000
Bending radius	75 mm
Outer sheath, material	PUR
Material, filler	PE + filler yarn
Material conductor insulation	Foamed PE (Signal line)
	TPE (Power supply)
Conductor material	Tin-plated Cu litz wires
Insulation resistance	> 200 MΩ*km
Conductor resistance	≤ 134 mΩ/m (Signal line)
	≤ 55 mΩ/m (Power supply)
Working capacitance	≤ 40 pF (Signal line)
Nominal voltage, cable	30 V
Test voltage Core/Core	500 V AC (at 50 Hz)
Test voltage Core/Shield	500 V AC (at 50 Hz)
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-10 °C ... 80 °C (cable, flexible installation)

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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