


# Sensor/actuator cable - SAC-5P-M12FS/10,0-PUR/M12FS VW - 1565654

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Sensor/actuator cable, 5-position, PUR halogen-free, irradiated, orange RAL 2003, Socket straight M12, A-coded, on Socket straight M12, A-coded, cable length: 10 m

## Key Commercial Data

Packing unit	5 pc
Minimum order quantity	25 pc
GTIN	 4 046356 315852
GTIN	4046356315852

## Technical data

### Dimensions

Length of cable	10 m
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### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
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### General

Rated current at 40°C	4 A
Rated voltage	48 V AC 60 V DC
Number of positions	5
Coding	A - standard
Insertion/withdrawal cycles	≥ 100

### Material

Contact material	CuSn
Contact surface material	Ni/Au

### Cable

Cable type	PUR irradiated halogen-free orange
Cable type (abbreviation)	150
Cable abbreviation	D12YSL11X-JB
Conductor cross section	4x 0.34 mm <sup>2</sup> (Signal line) 1x 0.5 mm <sup>2</sup> (PE connection)
AWG signal line	22

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## Technical data

### Cable

AWG power supply	20
Conductor structure signal line	42x 0.10 mm
Conductor structure, voltage supply	24x 0.15 mm
Wire colors	Brown, blue, black, white, green/yellow
Overall twist	5 cores, twisted
External sheath, color	orange RAL 2003
External cable diameter D	5.2 mm ±0.2 mm
Smallest bending radius, fixed installation	min. 20 mm
Smallest bending radius, movable installation	min. 30 mm
Number of bending cycles	5000000
Bending radius	52 mm
Traversing path	10 m
Traversing rate	3 m/s
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Conductor resistance	≤ 57.5 Ω/km (with 0.34 mm <sup>2</sup> conductor cross section) ≤ 39 Ω/km (with 0.5 mm <sup>2</sup> conductor cross section)
Nominal voltage, cable	250 V (AC)
Test voltage, cable	2000 V (50 Hz, 5 minutes)
Special properties	Silicone-free Irradiated
Flame resistance	DIN VDE 0472 part 804, test type B
Halogen-free	The cable is halogen-free
Other resistance	hydrolysis and microbe resistant UV resistant Resistant to welding splashes
Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation) -40 °C ... 105 °C (cable, flexible installation)

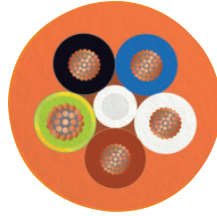
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

## Sensor/actuator cable - SAC-5P-M12FS/10,0-PUR/M12FS VW - 1565654

Cable cross section



PUR irradiated halogen-free orange [150]

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