

## Sensor/Actuator cable - SAC-5P-M12FS/ 8,0-PUR/M12FS VW - 1502358

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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: 8 m

as illustrated, however, 2x with straight socket

### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	328.5 GRM
Custom tariff number	85444290
Country of origin	India

### Technical data

#### Dimensions

Length of cable	8 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	250 V
Number of positions	5
Contact resistance	≤ 0.005 Ω
Coding	A - standard
Insertion/withdrawal cycles	≥ 100

#### Material

Contact material	CuSn
Contact surface material	Ni/Au

#### Cable

Cable type	PUR irradiated halogen-free orange
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### Technical data

#### Cable

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
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
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)

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## 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

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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Approvals submitted


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### Approval details

## Sensor/Actuator cable - SAC-5P-M12FS/ 8,0-PUR/M12FS VW - 1502358

### Approvals

UL Listed 	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V

cUL Listed 	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V

cULus Listed 	
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