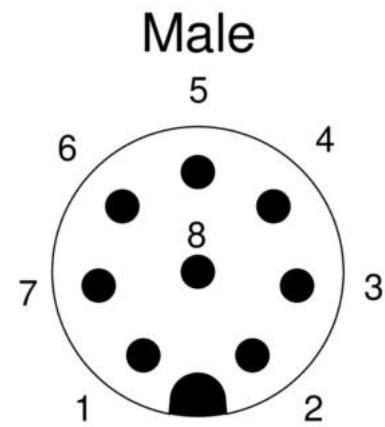
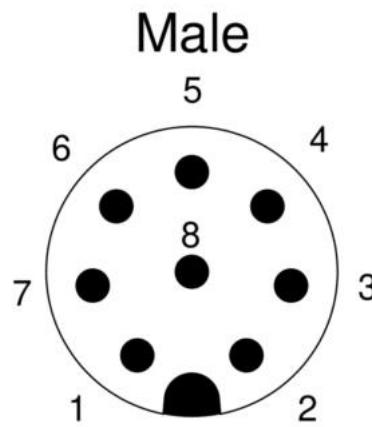
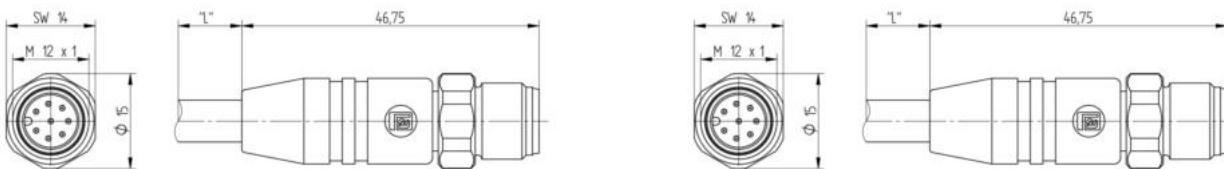



Product: [RSTSN 8-RSTSN 8-184](#)

Sensor/Actuator Double-Ended Cordset: Male straight A-coded orange 8-pin M12 Standard connector to male straight A-coded orange 8-pin M12 Standard connector, shielded, 30 V AC/DC, 2 A; PVC orange cable, 8-wires, 0.25 mm²

Product Description

Sensor/Actuator Double-Ended Cordset: Male straight A-coded orange 8-pin M12 Standard connector to male straight A-coded orange 8-pin M12 Standard connector, shielded, 30 V AC/DC, 2 A; PVC orange cable, 8-wires, 0.25 mm²

Technical Drawing

Technical Specifications
Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
white	brown	green	yellow	grey	pink	blue	red

Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
white	brown	green	yellow	grey	pink	blue	red

Product Description

Product Family:	Sensor / Actuator Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	30 V
Rated Impulse Voltage:	0.8 kV
Operating Voltage:	30 V AC/DC
Rated Current*:	2 A

Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	8
Coding:	A
Contact Resistance:	$\leq 10 \text{ mOhm}$
Insulation Resistance:	$> 10^9 \text{ Ohm}$
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU-GF
Contact Bearer Color:	Orange
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Orange
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Stainless Steel
Shielding Material:	Stainless Steel
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
Note:	Do not connect or disconnect under load.

Cable Data

Cable Number:	184
Conductor Size:	0.25 mm ²
Number of Wires:	8
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	orange
Cable Diameter D:	$\varnothing 6.6 \pm 0.20 \text{ mm}$
Wire Insulation Material:	PVC
Insulated Wire Diameter:	$\varnothing 1.30 \text{ mm}$
Overall Shield (Cable):	C-Shield
Ambient Temperature (Fixed Installation):	- 40 °C - + 105 °C
Ambient Temperature (Flex Installation):	+ 5 °C - + 105 °C
Flammability Class (Cable Jacket):	IEC 60332-1 , VDE 0482-265-2-1 , EN 50265-2-1
Cable Characteristics:	Mainly plasticizer diffusion free; Exclusion of silicone

Technical Data Side 2

Product Sub Family, Side 2:	M12 Standard
Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Screw
Number of Pins, Side 2:	8
Coding, Side 2:	A
Contact Resistance, Side 2:	$\leq 10 \text{ mOhm}$
Insulation Resistance, Side 2:	$> 10^9 \text{ Ohm}$
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Design Standard, Side 2:	IEC 61076-2-101
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU-GF
Contact Bearer Color, Side 2:	Orange
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Orange
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Stainless Steel
Shielding Material, Side 2:	Stainless Steel
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Oil Resistance:	Good chemical and oil resistance
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Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	Notice derating

Variants

Item #	Item Description	Cable Length
7148	RSTSN 8-RSTSN 8-184/0,8 M	0.8 m

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