



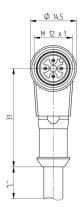
Product: RSWT 4-07 ☑

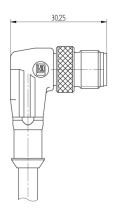
M12 Standard Sensor/Actuator Single-Ended Cordset: Male, angled, 4-pin, A-coded, translucent body, 230 V AC/DC, 4 A; PVC orange cable, 4-wires, 0.25 mm²

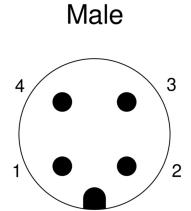
Product Description

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Technical Drawing







Technical Specifications

Face View



Technical Data

Product Family:	Sensor / Actuator Connectors	
Product Sub Family:	M12 Standard	
Brand:	Lumberg Automation	
Connector Type:	Cordset, single ended	
Type of Contact / Gender:	Male	
Connector Design:	Angled	
Number of Pins:	4	
Coding:	A	
Shielding:	Unshielded	
Attachment Type:	Coupling Screw	
Rated Voltage:	250 V	
Rated Voltage (UL): 250 V AC		
Rated Impulse Voltage:	2.5 kV	
Operating Voltage:	230 V AC/DC	
Rated Current*:	4 A	
Rated Current (UL)*:	2.5 A	

Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Operating Temperature (UL):	max. + 50 °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:	II acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Orange
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Translucent
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated

Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight	
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Cable Data

Cable Number:	007	
Conductor Size:	0.25 mm²	
Number of Wires:	4	
Minimal Bending Radius (Fixed Inst):	>5 x D	
Minimal Bending Radius (Flexible Inst):	> 10 x D	
Cycles (Bending):	> 1 M	
Conductor material:	Cu	
Cable Jacket Material:	PVC	
Cable Jacket Color:	orange	
Cable Diameter D:	ø 5.0 ± 0.2 mm	
Wire Insulation Material:	PVC	
Insulated Wire Diameter:	ø 1.35 mm	
Ambient Temperature (Fixed Installation):	- 40 °C - + 90 °C (UL: + 80 °C)	
Ambient Temperature (Flex Installation):	+ 5 °C - + 90 °C (UL: + 80 °C)	
Ambient Temperature (Drag Chain Inst):	+ 5 °C - + 60 °C	
UL Cable Type:	AWM: 2464	
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1	
Cable Characteristics:	Free of lacquer wetting disturbing substances; Exclusion of silicone	

Approvals

UL-File:	E315587
UL:	UL 2238; cURus

Safety & Environmental Compliance

RoHS Compliant:	yes

Resistances

Oil Resistance:	Good chemical and oil resistance	

Notes

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

lote:	Do not connect or disconnect under load.
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Variants

Item #	Item Description	Cable Length	Rated Current
12111	RSWT 4-07/10 M	10 m	4 A
12112	RSWT 4-07/2 M	2 m	4 A
12113	RSWT 4-07/5 M	5 m	4 A

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