



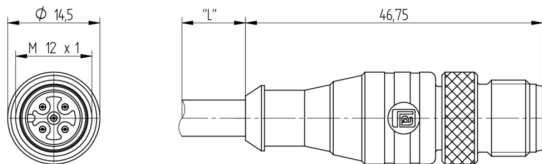
Product: [RST5-RKT5-WS293OG](#)

Sensor/Actuator Double-Ended Cordset: Male straight A-coded translucent 5-pin M12 Standard connector to female straight A-coded translucent 5-pin M12 Standard connector, 50 V AC/60 V DC, 4 A; PUR orange cable, 5-wires, 0.34 mm²

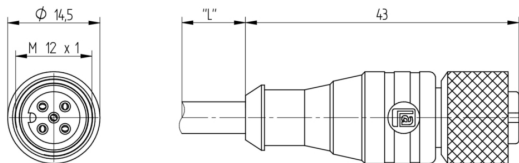
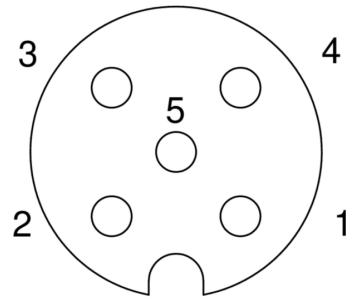
Product Description

Sensor/Actuator Double-Ended Cordset: Male straight A-coded translucent 4-pin M12 Standard connector to female straight A-coded translucent 4-pin M12 Standard connector, 230 V AC/DC, 4 A; PUR orange cable, 4-wires, 0.34 mm²

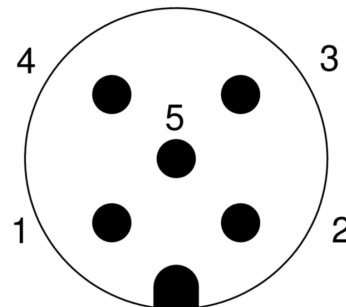
Technical Drawing



Female



Male



Technical Specifications

Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4
brown	white	blue	black

Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4
brown	white	blue	black

Product Description

Product Family:	Sensor / Actuator Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Unshielded
Rated Voltage (CSA):	60 V
Rated Impulse Voltage:	2.5 kV
Operating Voltage:	50 V AC / 60 V DC
Rated Current (CSA)*:	4 A

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	5
Coding, Side 1:	A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP67
Side 1 Design Standard:	IEC 61076-2-101
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Side 1 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
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
Note:	Do not connect or disconnect under load.

Cable Data

Cable Number:	6084
Conductor Size:	0.34 mm²
Number of Wires:	5
Welding Resistance:	Welding spark resistant
Conductor Material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	Orange matt finish similarly RAL 2003
Cable Diameter D:	ø 5.70 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1.30 mm
UL Cable Type:	AWM: 20549
Flammability Class (Cable Jacket):	FT-2

Technical Data Side 2

Side 2 Product Sub Family:	M12 Standard
Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Straight

Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	5
Coding, Side 2:	A
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	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:	II acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuSn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
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:	Translucent
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated
O-Ring Material, Side 2:	FKM, green
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	DIN EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1
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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
96085110101	RST 5-RKT 5-WS293OG/1 M	1 m
96085110201	RST 5-RKT 5- WS293OG /2 M	2 m
96085110501	RST 5-RKT 5- WS293OG /5 M	5 m
96085111001	RST 5-RKT 5- WS293OG /10 M	10 m
96085111501	RST 5-RKT 5- WS293OG /15 M	15 m
96085112001	RST 5-RKT 5- WS293OG /20 M	20 m
96085112501	RST 5-RKT 5- WS293OG /25 M	25 m

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