



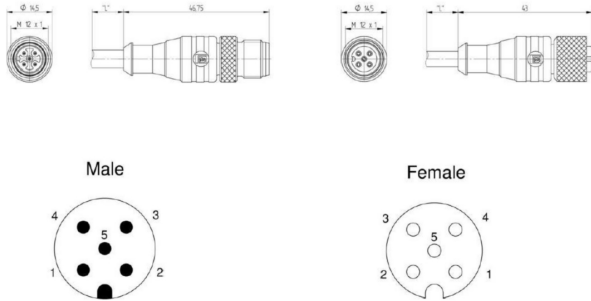
Product: [RST 5-RKT 5-MF293](#)

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 black cable, 5-wires, 0.34 mm²

Product Description

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 black cable, 5-wires, 0.34 mm²

Technical Drawing



Technical Specifications

Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
Brown	White	blue	black	Gray

Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
brown	White	blue	black	Gray

Product Description

Product Family:	Sensor/Actuator Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	60 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC/ 60V DC
Rated Current*:	4 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:	5
Coding:	A

Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Ambient Temperature (Operation)*:	-25 °C - + 80 °C
Protection Degree / IP Rating**:	IP67
Design Standard:	IEC 61076-2-101
Contact Base Material:	CuSn
Contact Plating:	Orange
Contact Bearer Material:	TPU
Contact Bearer Color:	Orange
Flammability Class (Contact Bearer):	UL 94 V-0
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

Cable Data

Cable Number:	MF293
Conductor Size:	0.34 mm²
Number of Wires:	5
Conductor material:	Cu
Cable Jacket Material:	Special Compound Polyurethane based
Cable Jacket Color:	Black
Cable Diameter D:	5.7 ± 0.20 mm
Wire Insulation Material:	PVC
Ambient Temperature (Fixed Installation):	-30 °C - + 80 °C
Flammability Class (Cable Jacket):	IEC 60332-1/FT-2

Technical Data Side 2

Product Sub Family, Side 2:	M12 Standard
Type of Contact / Gender, Side 2:	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
Ambient Temperature (Operation), Side 2*:	-25 °C - + 80 °C
Protection Degree / IP Rating, Side 2**:	IP67
Design Standard, Side 2:	IEC 61076-2-101
Contact Base Material, Side 2:	CuSn
Contact Plating, Side 2:	Orange
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Orange
Flammability Class (Contact Bearer), Side 2:	UL 94 V-0
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
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Notes

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

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