



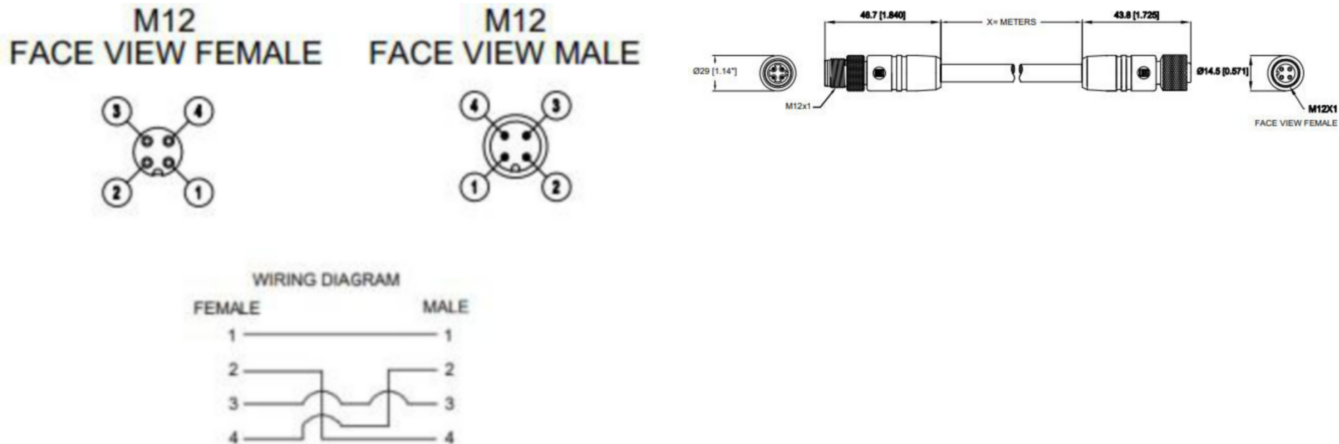
**Product:** [RST 4-RKT 4-637/1M P-13453](#)

Sensor/Actuator Double-Ended Cordset: Male straight A-coded yellow 4-pin M12 Standard connector to female straight A-coded yellow 4-pin M12 Standard connector, 230 V AC/DC, 4 A; TPE yellow cable, 4-wires, 18 AWG (0.824 mm<sup>2</sup>)

**Product Description**

Sensor/Actuator Double-Ended Cordset: Male straight A-coded yellow 4-pin M12 Standard connector to female straight A-coded yellow 4-pin M12 Standard connector, 230 V AC/DC, 4 A; TPE yellow cable, 4-wires, 18 AWG (0.824 mm<sup>2</sup>)

**Technical Drawing**



**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:	Unshielded
Rated Voltage:	250 V
Rated Impulse Voltage:	2.5 kV
Operating Voltage:	230 V AC/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:	4
Coding:	A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP 67
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)
Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	Yellow
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
O-Ring Material:	FKM
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

#### Cable Data

Cable Number:	637
Conductor Size:	18 AWG
Number of Wires:	4
Cycles (Bending):	> 1 M
Conductor material:	Cu
Cable Jacket Material:	Thermoplastic Elastomer (TPE)
Cable Jacket Color:	yellow
Cable Diameter D:	ø .280"
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 2.032 mm
Ambient Temperature (Fixed Installation):	- 50 °C - + 105 °C
UL Cable Type:	AWM: 20626
Flammability Class (Cable Jacket):	FT-4

#### 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:	4
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**:	IP 67
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:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color, Side 2:	Yellow
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	Thermoplastic Polyurethane (TPU)
Molded Body Color, Side 2:	Yellow
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
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Safety & Environmental Compliance

RoHS Compliant:	yes
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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
500004842	RST 4-RKT 4-637/1M P-13453	1 m

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