



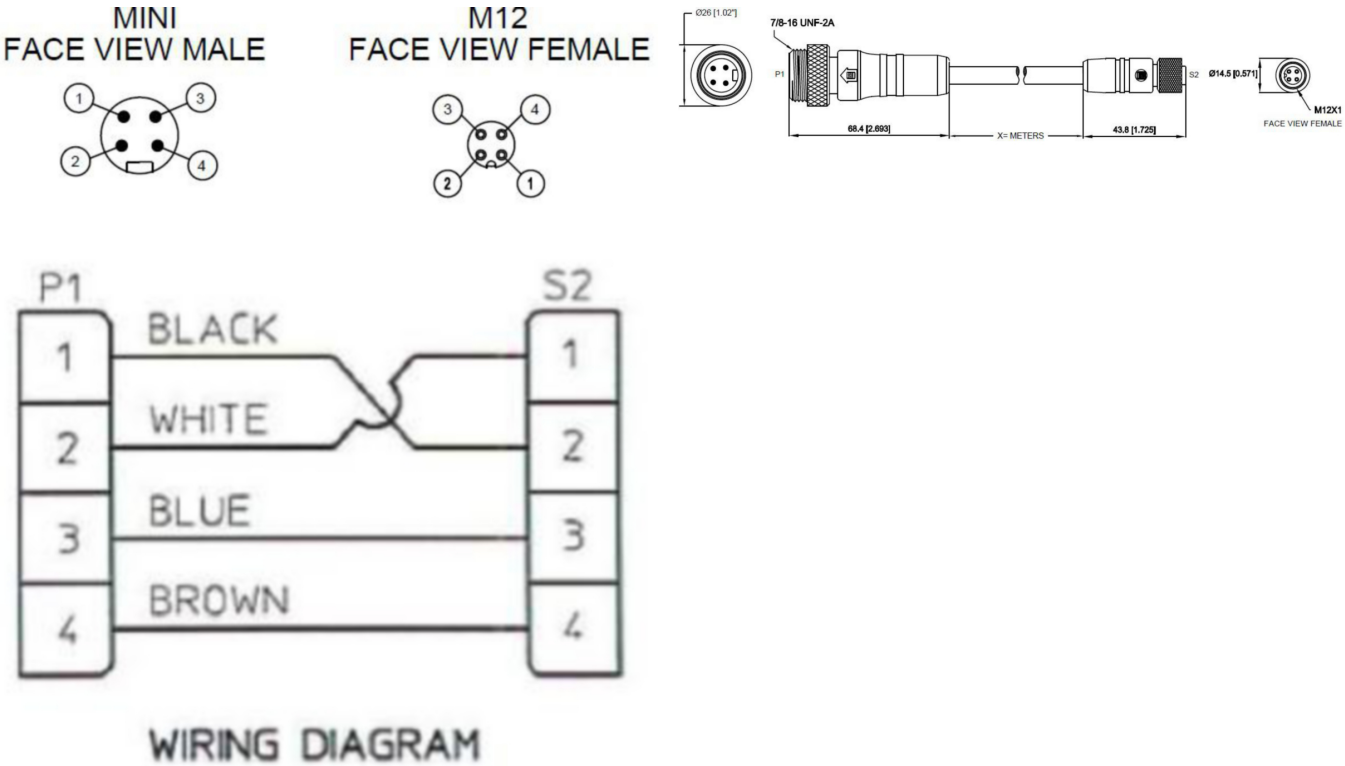
Product: [RS 40-RKT 4-637/1M P-13454](#)

7/8" to M12, Power Double-Ended Cordset: Male straight to female straight, 4-pin, Yellow body, 250 V, 4 A; yellow TPE jacket, 0.824 mm² (18 AWG)

Product Description

7/8" to M12, Power Double-Ended Cordset: Male straight to female straight, 4-pin, Yellow body, 250 V, 4 A; yellow TPE jacket, 0.824 mm² (18 AWG)

Technical Drawing



Technical Specifications

Product Description

Product Family:	Power Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage (UL):	250 V
Rated Current (UL)*:	4 A

Technical Data Side 1

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	Straight

Attachment Type:	Coupling nut with external threads
Number of Pins:	4
Ambient Temperature (Operation)*:	-40°C to +90°C
Protection Degree / IP Rating**:	IP 67
Contact Base Material:	CuZn
Contact Plating:	gold over silver plated
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	yellow
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	yellow

Cable Data

Cable Number:	637
Conductor Size:	18 AWG
Number of Wires:	4
Cable Jacket Material:	Thermoplastic Elastomer (TPE)
Cable Jacket Color:	Yellow
Cable Diameter D:	.280" (7.1 mm)
UL Cable Type:	PLTC

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
Operating Temperature (UL), Side 2:	max. + 50 °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:	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, green
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Approvals

UL:	UL 2238 Recognized
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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.
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Variants

Item #	Item Description	Cable Length
500004843	RS 40-RKT 4-637/1M P-13454	1 m

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