



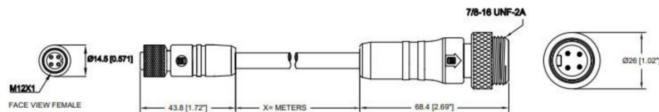
**Product:** [RS 40-RKT 4-637/1M P-13450](#)

Power Double-Ended Cordset: Male straight A-coded yellow 4-pin 7/8" connector to female straight A-coded yellow 4-pin M12 Standard connector, 250 V, 4 A; TPE yellow cable, 4-wires, 18 AWG

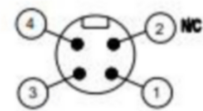
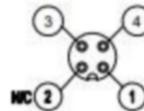
## Product Description

Power Double-Ended Cordset: Male straight A-coded yellow 4-pin 7/8" connector to female straight A-coded yellow 4-pin M12 Standard connector, 250 V, 4 A; TPE yellow cable, 4-wires, 18 AWG

## Technical Drawing



**M12 FACE VIEW FEMALE** **MINI FACE VIEW MALE**



### WIRING



## Technical Specifications

### Product Description

Product Family:	Power Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	250 V
Rated Voltage (UL):	250 V
Rated Impulse Voltage:	2.5 kV
Operating Voltage:	230 V AC/DC
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
Coding:	A
Ambient Temperature (Operation)*:	-40°C to +90°C
Protection Degree / IP Rating**:	IP 67
Contact Base Material:	CuSn

Contact Plating:	Cu/Au
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	yellow
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	yellow
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

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)
Wire Insulation Material:	PP
Ambient Temperature (Fixed Installation):	-50°C to 105°C
UL Cable Type:	PLTC
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 to +90°C
Operating Temperature (UL), Side 2:	max. + 50 °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:	black
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

Approvals

UL:	pending
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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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