



Product: [RS 40-RKT 4L-996/1M P-12556](#) 

7/8" to M12, Power Double-Ended Cordset: Male straight to female straight, 4-pin, Black body, 50 V AC/60 V DC, 10 A; yellow TPE jacket, 1.50 mm² (16 AWG)

Product Description

7/8" to M12, Power Double-Ended Cordset: Male straight to female straight, 4-pin, Black body, 50 V AC/60 V DC, 10 A; yellow TPE jacket, 1.50 mm² (16 AWG)

Technical Specifications

Product Description

Product Family:	Power Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Unshielded
Rated Voltage (UL):	63 VDC
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	63 VDC
Current Rating:	10 A
Rated Current (UL)*:	8 A

Technical Data Side 1

Side 1 Product Sub Family:	7/8"
Side 1 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
Side 1 Design Standard:	IEC 61076-2-111
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Side 1 Contact Plating:	gold over silver plated
Contact Bearer Material:	TPU
Contact Bearer Color:	yellow
Flammability Class (Contact Bearer):	UL 94 V-2
Molded Body Material:	TPU
Molded Body Color:	yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
O-Ring Material:	FKM
Fastening Torque (Contact Screw):	M 12x1: (60-65) Ncm, hand-tight

Cable Data

Cable Number:	996
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Conductor Size:	1.50 mm ²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 10 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 1 Mio
Conductor Material:	Cu
Cable Jacket Material:	TPE
Cable Jacket Color:	yellow
Cable Diameter D:	Ø 8.7 mm ± 0.2 mm
Wire Insulation Material:	PVC / PVC-Polyamid
Insulated Wire Diameter:	ø 2.55 mm
Overall Shield (Cable):	-
Ambient Temperature (Fixed Installation):	-40 °C to +90 °C
Ambient Temperature (Flex Installation):	-5 °C to +90 °C
Ambient Temperature (Drag Chain Inst):	-
UL Cable Type:	UL/CSA, NEC (UL) TC_ER, WTTC or AWM Style 20328 (900 V 105 °C)
Flammability Class (Cable Jacket):	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test, FT4

Technical Data Side 2

Side 2 Product Sub Family:	M12 Power
Side 2 Type of Contact/Gender:	female
Connector Design, Side 2:	straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	4
Coding, Side 2:	L
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 +125 °C, notice derating
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuNi
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PBT GF
Contact Bearer Color, Side 2:	black
Molded Body Material, Side 2:	TPE
Molded Body Color, Side 2:	black

Approvals

UL-File:	E315587
UL:	UL 2238; cULus
VDE:	YES

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Oil Resistance:	Oil Res II
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Notes

Note Derating:	* Notice derating
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Variants

Item #	Item Description	Cable Length
934638034	RS 40-RKT 4L-996/1M P-12556	1 m

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