



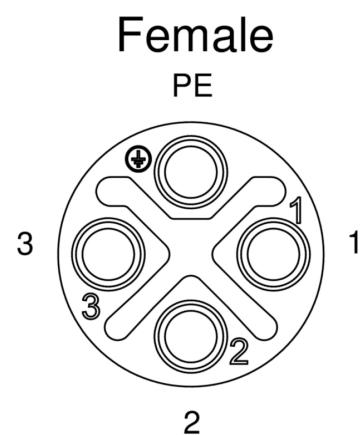
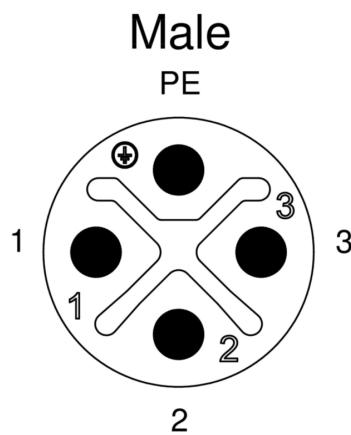
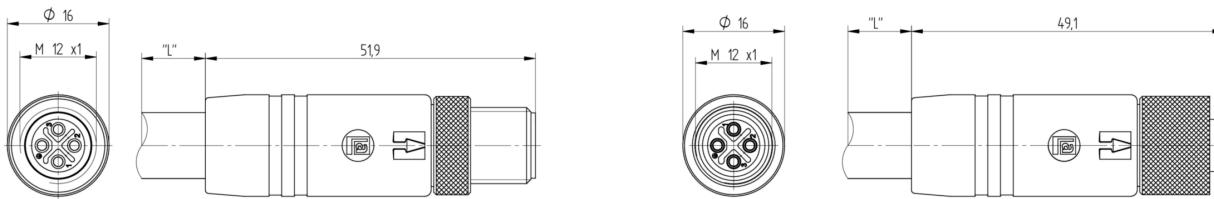
## Product: [RST 4S-RKT 4S-733](#)

M12 Power Double-Ended Cordset: Male straight to female straight, 4-pin(3+PE), S-coded, blue body, 600 V AC/DC, 16 A; PVC black cable, 1.50 mm<sup>2</sup>

### Product Description

M12 Power Double-Ended Cordset: Male straight to female straight, 4-pin(3+PE), S-coded, blue body, 600 V AC/DC, 16 A; PVC black cable, 1.50 mm<sup>2</sup>

### Technical Drawing



### Technical Specifications

#### Face View Side 1

Pin 1	Pin 2	Pin 3	PE
black 1	black 2	black 3	green-yellow

#### Face View Side 2

Pin 1	Pin 2	Pin 3	PE
black 1	black 2	black 3	green-yellow

## Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	630 V
Rated Voltage (UL):	600 V
Rated Impulse Voltage:	6.0 kV
Operating Voltage:	600 V AC/DC
Rated Current*:	16 A
Rated Current (UL)*:	16 A

## Technical Data Side 1

Product Sub Family:	M12 Power
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	Coupling Screw
Number of Pins:	4(3+PE)
Coding:	S
Contact Resistance:	$\leq 10 \text{ mOhm}$
Insulation Resistance:	$> 10^9 \text{ Ohm}$
Mating Cycles:	$\leq 100$
Ambient Temperature (Operation)*:	-40 °C to +125 °C, notice derating
Protection Degree / IP Rating**:	IP65, IP67
Design Standard:	IEC 61076-2-111
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:	CuNi
Contact Plating:	Cu/Au
Contact Bearer Material:	PBT GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-2
Molded Body Material:	TPE
Molded Body Color:	blue
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
O-Ring Material:	FKM
Fastening Torque (Contact Screw):	M 12x1: (50-60) Ncm, hand-tight

## Cable Data

Cable Number:	733
Conductor Size:	1.50 mm <sup>2</sup>
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	$> 4 \times D$
Minimal Bending Radius (Flexible Inst):	$> 7.5 \times D$
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	black
Cable Diameter D:	$\varnothing 8.3 \pm 0.20 \text{ mm}$
Wire Insulation Material:	PVC
Insulated Wire Diameter:	$\varnothing 2.65 \text{ mm}$
Ambient Temperature (Fixed Installation):	-40 °C to +90 °C
Ambient Temperature (Flex Installation):	-5 °C to +90 °C
UL Cable Type:	AWM: 2587

## Technical Data Side 2

Product Sub Family, Side 2:	M12 Power
Type of Contact / Gender, Side 2:	female
Connector Design, Side 2:	straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	4(3+PE)
Coding, Side 2:	S
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
Design Standard, Side 2:	IEC 61076-2-111
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance, Side 2:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
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
Flammability Class (Contact Bearer), Side 2:	UL 94 V-2
Molded Body Material, Side 2:	TPE
Molded Body Color, Side 2:	blue
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Cu/Ni
O-Ring Material, Side 2:	FKM
Fastening Torque (Contact Screw), Side 2:	M 12x1: (50-60) Ncm, hand-tight

## Approvals

UL-File:	E497237
UL:	UL 2237; cULus

## 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
934853004	RST 4S-RKT 4S-733/2 M	2 m
934853005	RST 4S-RKT 4S-733/5 M	5 m
934853006	RST 4S-RKT 4S-733/10 M	10 m

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