



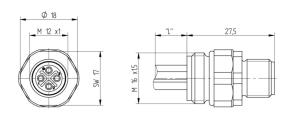
Product: <u>RSP6S 4S-033</u> ☑

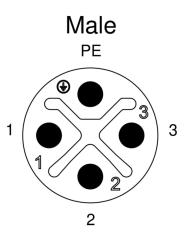
M12 Power Receptacle Connector: Male, front mount (positionable), 4-pin(3+PE), S-coded, shielded, silver housing, 600 V AC/DC, 16 A

Product Description

M12 Power Receptacle Connector: Male, front mount (positionable), 4-pin(3+PE), S-coded, shielded, silver housing, 600 V AC/DC, 16 A

Technical Drawing





Technical Specifications

Face View

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

Technical Data

Product Family:	Power Connector	
Product Sub Family:	M12 Power	
Brand:	Lumberg Automation	
Connector Type:	Receptacle	
Type of Contact / Gender:	male	
Connector Design:	Front mount (positionable)	
Number of Pins:	4(3+PE)	
Coding:	S	
Shielding:	Shielded	
Attachment Type:	Coupling Screw	
Rated Voltage:	630 V	
Rated Impulse Voltage:	6.0 kV	
Operating Voltage:	600 V AC/DC	
Rated Current*:	16 A	
Contact Resistance:	≤ 10 mOhm	
Insulation Resistance:	> 10^9 Ohm	

Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-40 °C to +125 °C, notice derating
Protection Degree / IP Rating**:	IP65, IP67, IP69K
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)

Materials

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
Housing Material:	CuZn
Housing Plating:	Ni
Housing Color:	silver
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
Shielding Material:	CuZn, plating: Ni
O-Ring Material:	FKM

Cable Data

Insulated Wire Diameter: 1.75 mm²

Approvals

UL-File:	E497237	
UL:	cULus	

Safety & Environmental Compliance

RoHS Compliant:	yes
Notes	

Note Derating:	* Notice derating	
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.	

Variants

Item #	Item Description	Cable Length
934980103	RSP6S 4S-033/0,2 M	0.2 m
934980107	RSP6S 4S-033/0,2 M	0.5 m

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