



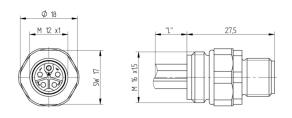
# Product: RSP6S 5K-033

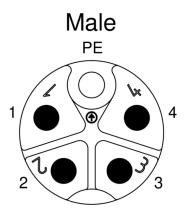
M12 Power Receptacle Connector: Male, front mount (positionable), 5-pin(4+PE), K-coded, shielded, silver housing, 600 V AC/DC, 16 A

# **Product Description**

M12 Power Receptacle Connector: Male, front mount (positionable), 5-pin(4+PE), K-coded, shielded, silver housing, 600 V AC/DC, 16 A

## **Technical Drawing**





# **Technical Specifications**

### Face View

Pin 1	Pin 2	Pin 3	Pin 4	PE
black 1	black 2	black 3	black 4	green-yellow

### **Technical Data**

Draduat Camilu	
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:	5(4+PE)
Coding:	К
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:	blue
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 mm<sup>2</sup>

#### **Approvals**

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UL-File:	E497237	
UL:	cULus	

### Safety & Environmental Compliance

RoHS Compliant:	yes
Notes	

1			
	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
934980101	RSP6S 5K-033/0,2 M	0.2 m
934980105	RSP6S 5K-033/0,5 M	0.5 m

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