



Product: RSH6S 5L-034 ☑

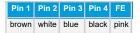
M12 Power Receptacle Connector: Male, rear mount, 5-pin(4+FE), L-coded, shielded, silver housing, 50 V AC / 60 V DC, 16 A

# **Product Description**

M12 Power Receptacle Connector: Male, rear mount, 5-pin(4+FE), L-coded, shielded, silver housing, 50 V AC / 60 V DC, 16 A

# **Technical Specifications**

# Face View



## **Technical Data**

Decide of Families	Power Connector
Product Family:	
Product Sub Family:	M12 Power
Brand:	Belden
Connector Type:	Receptacle
Type of Contact / Gender:	male
Connector Design:	Rear mount
Number of Pins:	5(4+FE)
Coding:	L
Shielding:	Shielded
Attachment Type:	Coupling Screw
Rated Voltage:	63 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC / 60 V 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
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:	grey
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:	2.5 mm <sup>2</sup>

# **Approvals**

UL-File:	E497237
UL:	cULus

### Safety & Environmental Compliance

		4
RoHS Compliant:	yes	

## **Notes**

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

#### Variants

Item #	Item Description	Cable Length
934980252	RSH6S 5L-034/0,2 M	0.2 m
934980256	RSH6S 5L-034/0,5 M	0.5 m

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