

**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

| Pin 1 | Pin 2 | Pin 3 | Pin 4 | FE |
|-------|-------|-------|-------|------|
| brown | white | blue | black | pink |

Technical Data

| | |
|-----------------------------------|---|
| Product Family: | Power Connector |
| 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 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 |
|-----------|--------------------|--------------|
| 934980252 | RSH6S 5L-034/0,2 M | 0.2 m |
| 934980256 | RSH6S 5L-034/0,5 M | 0.5 m |

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