



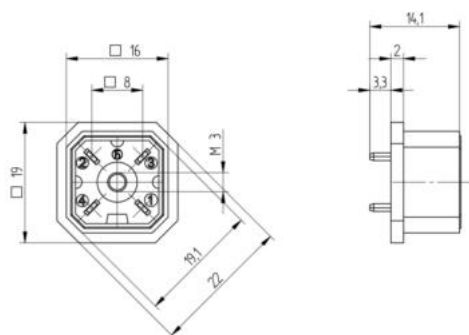
**Product:** [G 4 A 1 M](#) 

G-Series Power Receptacle Connector: Male, rear PCB mount, 4-pin, grey body; 50V AC/DC, 10 A

### Product Description

G-Series Power Receptacle Connector: Male, rear PCB mount, 4-pin, grey body; 50V AC/DC, 10 A

### Technical Drawing



### Technical Specifications

#### Technical Data

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Product Family:                   | Power Connector                       |
| Product Sub Family:               | G Series                              |
| Brand:                            | Hirschmann                            |
| Connector Type:                   | Receptacle                            |
| Type of Contact / Gender:         | male                                  |
| Connector Design:                 | Rear PCB mount                        |
| Number of Pins:                   | 4                                     |
| Shielding:                        | Unshielded                            |
| Rated Voltage:                    | 50V AC/DC                             |
| Rated Impulse Voltage:            | 1.5 kV                                |
| Operating Voltage:                | 50 V AC/DC                            |
| Rated Current*:                   | 10 A                                  |
| Contact Resistance:               | ≤ 10 mOhm                             |
| Mating Cycles:                    | ≤ 50                                  |
| Type of Connection:               | solder                                |
| Ambient Temperature (Operation)*: | -40°C to +90°C                        |
| Protection Degree / IP Rating**:  | IP65                                  |
| Design Standard:                  | DIN EN 61984 (VDE 0627)               |
| Pollution Degree:                 | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance:    | DIN EN 60664-1 (2008/01); VDE 0110-1  |

Materials

|                                      |          |
|--------------------------------------|----------|
| Contact Base Material:               | CuZn     |
| Contact Plating:                     | Cu/Sn    |
| Contact Bearer Material:             | PA GF    |
| Contact Bearer Color:                | grey     |
| Flammability Class (Contact Bearer): | UL 94 HB |

Additional Technical Data

|                                  |                             |
|----------------------------------|-----------------------------|
| Mating Connectors / Fitting to:  | G 4 W 1 F..., G 4 KW 1 F... |
| Accessories to Order Separately: | Flat gasket: G30 E-2        |

Approvals

|      |                    |
|------|--------------------|
| VDE: | VDE-Reg.-Nr.: 3113 |
|------|--------------------|

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. |
| Note:                               | Do not connect or disconnect under load.                                                     |

Variants

| Item #    | Item Description |
|-----------|------------------|
| 931807106 | G 4 A 1 M        |

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