

# Product: <u>G 4 A 5 M grey</u> C

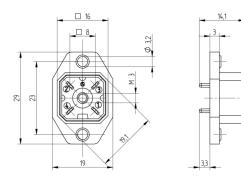


G-Series Power Receptacle Connector: Male, rear PCB mount with flange, 4-pin, grey body; 50V AC/DC, 10 A

# **Product Description**

G-Series Power Receptacle Connector: Male, rear PCB mount with flange, 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 with flange	
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**

Fastening torque (mounting screw):	M 3: (50-60) Ncm
Mounting:	M 3 screws (2x)
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-RegNr.: 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
932092106	G 4 A 5 M grey

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