# **Accessories for Electric Drives**

# **GC4-00B**

4 mm Gold Connector for Electric Motors and Electronic Speed Controllers

### **Overview**

The Gold Connector series is a gold-plated brass plug and socket system for connecting electric motor and electronic speed controller cables.

## **Features**

- · Gold plated for optimal conductivity
- · Weight optimized design

# **Delivery Scope**

- 1. Plug
- Socket

# **Specification**

Parameter	Value
Weight	2.2 g (Plug)
	1.5 g (Socket)
Voltage	400 V <sup>1</sup>
Continuous Current	50 A <sup>2</sup>
Peak Current	100 A <sup>3</sup>
Recommended	1-6 mm²
Cable Size	

#### Notes

## **Installation Guide**

The cable must be placed in the recess and soldered with a 60+ W soldering iron. Heat shrink tube should be used to isolate the connectors against short circuits.

### **Part Number**

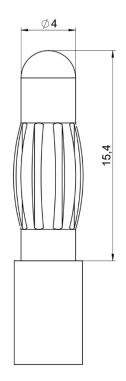
Plug: GC4-00BM Socket: GC4-00BF

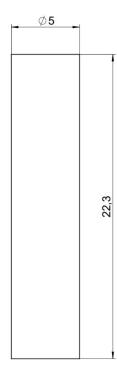




# GC4-00

(in mm)









<sup>&</sup>lt;sup>1</sup> glued heat shrink tube across both connectors is recommended

<sup>&</sup>lt;sup>2</sup> with suitable cable and sufficient cooling

<sup>&</sup>lt;sup>3</sup> only for 5 s with 5 min delay