

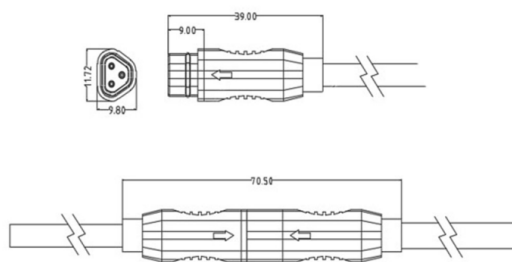
# Produktdatenblatt

## Higo - Motor - Z310D

### Male cable connector

Z310DG P 00 FC 1000

<https://www.higoconnector.com/de/e-bike-steckverbinder/z310dgp00fc1000>



## Spezifikationen

### General Characteristics

|                    |                                    |
|--------------------|------------------------------------|
| Number of contacts | 3                                  |
| Connector shape    | Plug                               |
| Gender             | Male                               |
| Color              | Black                              |
| Upper temperature  | 80 °C                              |
| Lower temperature  | -25 °C                             |
| IP Protection      | IP67                               |
| Mating cycles      | 200 Times                          |
| Connector diameter | 11,72 x 9,8 mm                     |
| Fitting length     | 71 mm                              |
| Cable Length       | 1000 mm                            |
| Cable diameter     | 5 mm                               |
| Wire section       | 3 x 1,2 mm <sup>2</sup>            |
| Remark             | Other cable length/type on request |

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### Electrical Parameters

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Rated current</b>              | 15 A                      |
| <b>Rated voltage</b>              | 48 V AC / 60 V DC         |
| <b>Max. insulation resistance</b> | $\geq 20 \text{ M}\Omega$ |
| <b>Max. contact resistance</b>    | $\leq 10 \text{ m}\Omega$ |

### Material

|                            |                  |
|----------------------------|------------------|
| <b>Material jacket</b>     | PVC              |
| <b>Insulation wire</b>     | PVC              |
| <b>Material of contact</b> | Copper Alloy     |
| <b>Contact plating</b>     | Gold over Nickel |