

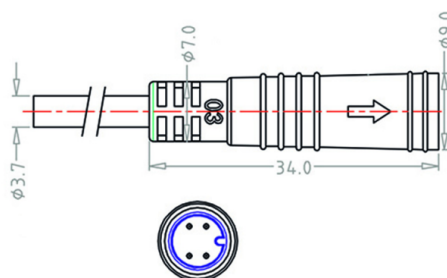
# Product data sheet

## Higo - Signal - Mini B

### Mini B Female cable connector

Z409BM P 00 AY 1000

<https://www.higoconnector.com/en/e-bike-connector/z409bmp00ay1000>



## Specifications

### General Characteristics

|                           |                                    |
|---------------------------|------------------------------------|
| <b>Number of contacts</b> | 4                                  |
| <b>Connector shape</b>    | Plug                               |
| <b>Gender</b>             | Female                             |
| <b>Color</b>              | Blue                               |
| <b>Upper temperature</b>  | 80 °C                              |
| <b>Lower temperature</b>  | -25 °C                             |
| <b>Locking</b>            | Push-on (no locking)               |
| <b>IP Protection</b>      | IP66                               |
| <b>Mating cycles</b>      | 200 Mating times                   |
| <b>Connector diameter</b> | 9 mm                               |
| <b>Fitting length</b>     | 62 mm                              |
| <b>Cable Length</b>       | 1000 mm                            |
| <b>Cable diameter</b>     | 3.7 mm                             |
| <b>Wire section</b>       | 0.14 mm <sup>2</sup>               |
| <b>Remark</b>             | Other cable length/type on request |

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#### Electrical Parameters

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Rated current</b>              | 2 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>     | TPU              |
| <b>Insulation wire</b>     | Teflon           |
| <b>Material of contact</b> | Copper Alloy     |
| <b>Contact plating</b>     | Gold over Nickel |