

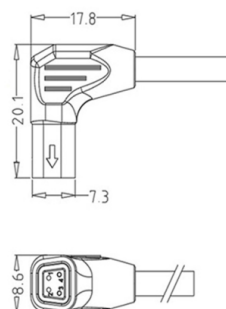
# Product data sheet

## Higo - Signal - Mini F

### Mini F Female angled plug connector

Z409FM A 00 A2 1000

<https://www.higoconnector.com/en/e-bike-connector/z409fma00a21000>



## Specifications

### General Characteristics

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Number of contacts</b>    | 4                                  |
| <b>Connector shape</b>       | Angled 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>Protection degree</b>     | IP66                               |
| <b>Mating cycles (times)</b> | 200 Mating times                   |
| <b>Connector diameter</b>    | 8,6 x 7,3 mm                       |
| <b>Fitting length</b>        | 20 mm                              |
| <b>Cable Length</b>          | 1000 mm                            |
| <b>Cable diameter</b>        | 3.7 mm                             |
| <b>Wire section</b>          | 4 x 0,14 mm <sup>2</sup>           |
| <b>Remark</b>                | Other cable length/type on request |

# Product data sheet

## Higo - Signal - Mini F

### Mini F Female angled plug connector

#### Electrical Parameters

|  |                   |
|--|-------------------|
| <b>Rated current</b>                   | 2 A               |
| <b>Rated voltage</b>                   | 48 V AC / 60 V DC |
| <b>Max. insulation resistance (M )</b> | ≥20 MΩ            |
| <b>Max. contact resistance (M )</b>    | ≤10 MΩ            |

#### 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 |