

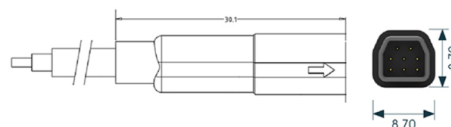
# Product data sheet

## Higo - Signal - Mini F

### Mini F female cable connector

Z809FM P 00 DL 1000

<https://www.higoconnector.com/en/e-bike-connector/z809fmp00dl1000>



## Specifications

### General Characteristics

|                              |                      |
|------------------------------|----------------------|
| <b>Number of contacts</b>    | 8                    |
| <b>Connector shape</b>       | Plug                 |
| <b>Gender</b>                | Female               |
| <b>Color</b>                 | Grey                 |
| <b>Upper temperature</b>     | 80 °C                |
| <b>Lower temperature</b>     | -25 °C               |
| <b>Locking</b>               | Push-on (no locking) |
| <b>Protection degree</b>     | IP66/IP67            |
| <b>Mating cycles (times)</b> | 200 Mating times     |
| <b>Connector diameter</b>    | see drawing mm       |
| <b>Fitting length</b>        | 54 mm                |
| <b>Cable Length</b>          | 1000 mm              |
| <b>Cable diameter</b>        | 4.2 mm               |
| <b>Wire section</b>          | 0.14 mm <sup>2</sup> |

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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 (M )</b> | $\geq 20 \text{ M}\Omega$ |
| <b>Max. contact resistance (M )</b>    | $\leq 10 \text{ M}\Omega$ |

#### Material

|                            |     |
|----------------------------|-----|
| <b>Material jacket</b>     | PVC |
| <b>Insulation wire</b>     | FEP |
| <b>Material of contact</b> | /   |