

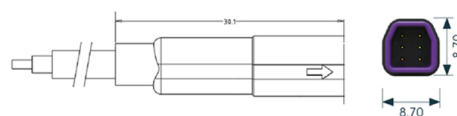
# Product data sheet

## Higo - Signal - Mini F

### Mini F female cable connector

Z609FM P 00 A4 1000

<https://www.higoconnector.com/en/e-bike-connector/z609fmp00a41000>



## Specifications

### General Characteristics

|                           |                      |
|---------------------------|----------------------|
| <b>Number of contacts</b> | 6                    |
| <b>Connector shape</b>    | Plug                 |
| <b>Gender</b>             | Female               |
| <b>Color</b>              | Purple               |
| <b>Upper temperature</b>  | 80 °C                |
| <b>Lower temperature</b>  | -25 °C               |
| <b>Locking</b>            | Push-on (no locking) |
| <b>IP Protection</b>      | IP66/IP67            |
| <b>Mating cycles</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>     | 3.7 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</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> | /   |