

# Product data sheet

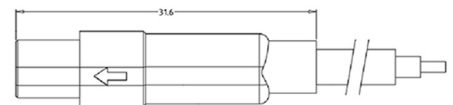
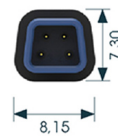
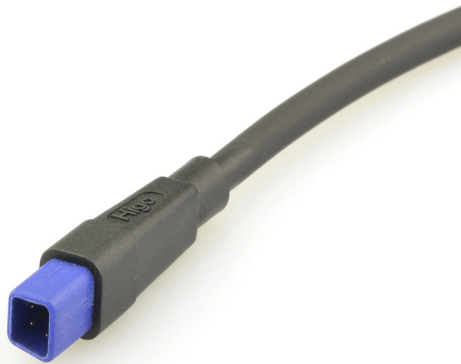
## Higo connectors - Mini F

### Mini F male cable connector



Z409FG P 00 AY 1000

<https://www.higoconnector.ac-solutions.be/en/e-bike-connector/z409fgp00ay1000>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Number of contacts | 4                    |
| Connector shape    | Plug                 |
| Gender             | Male                 |
| Color              | Blue                 |
| Upper temperature  | 80 °C                |
| Lower temperature  | -25 °C               |
| IP Protection      | IP66/IP67            |
| Mating cycles      | 200 Times            |
| Connector diameter | see drawing          |
| Fitting length     | 54 mm                |
| Cable Length       | 1000 mm              |
| Cable diameter     | 3.7 mm               |
| Wire section       | 0.14 mm <sup>2</sup> |

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## Electrical Parameters

|                            |                   |
|----------------------------|-------------------|
| Rated current              | 2 A               |
| Rated voltage              | 48 V AC / 60 V DC |
| Max. insulation resistance | ?20 M?            |
| Max. contact resistance    | ?10 m?            |

## Material

|                     |        |
|---------------------|--------|
| Material jacket     | TPU    |
| Insulation wire     | Teflon |
| Material of contact | /      |