

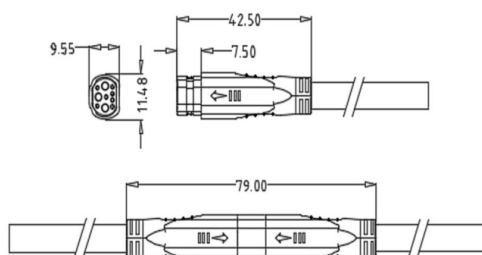
# Product data sheet

## Higo - Motor - Z1012B

### Female cable connector

Z1012BM P 00 FB 1000

<https://www.higoconnector.com/en/e-bike-connector/z1012bmp00fb1000>



## Specifications

### General Characteristics

<b>Number of contacts</b>	10 (3+7)
<b>Connector shape</b>	Plug
<b>Gender</b>	Female
<b>Color</b>	Black
<b>Upper temperature</b>	80 °C
<b>Lower temperature</b>	-25 °C
<b>Locking</b>	Push-on (no locking)
<b>Protection degree</b>	IPX7
<b>Mating cycles (times)</b>	200 Mating times
<b>Connector diameter</b>	11,48 x 9,55 mm
<b>Fitting length</b>	79 mm
<b>Cable Length</b>	1000 mm
<b>Cable diameter</b>	7 mm
<b>Wire section</b>	3 x 2,0 + 7 x 0,14 mm <sup>2</sup>
<b>Remark</b>	Other cable length/type on request

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### Electrical Parameters

Rated current	20 A
Rated voltage	48 V AC / 60 V DC
Max. insulation resistance (M )	$\geq 20 \text{ M}\Omega$
Max. contact resistance (M )	$\leq 10 \text{ M}\Omega$

### Material

Material jacket	PVC
Insulation wire	FEP
Material of contact	Copper Alloy
Contact plating	Gold over Nickel