

# Product data sheet

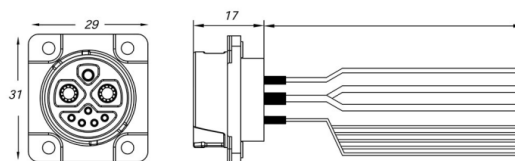
## Higo - Battery - S828B

### Male angled plug connector

## Charging & discharging in 1, self-locking

S828BG A 00 CD 1000

<https://www.higoconnector.com/en/e-bike-connector/s828bga00cd1000>



## Specifications

### General Characteristics

Number of contacts	8 (2+1+5)
Connector shape	Angled plug
Gender	Male
Color	Black/Purple
Upper temperature	80 °C
Lower temperature	-25 °C
Locking	Self-locking
Protection degree	IP67
Mating cycles (times)	3000 Mating times
Connector diameter	28 mm
Fitting length	50 mm
Cable Length	1000 mm
Cable diameter	10 mm

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### Male angled plug connector

<b>Wire section</b>	2 x 10AWG+ 1 x 18AWG + 5 x 22AWG mm <sup>2</sup>
<b>Remark</b>	Other cable length/type on request

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### Male angled plug connector

#### Electrical Parameters

<b>Rated current</b>	50 / 15 / 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>	Teflon
<b>Material of contact</b>	Copper alloy
<b>Contact plating</b>	Silver plated