

# Product data sheet

## Higo - Battery - S828A

Male cable connector, self-locking

### Charging & discharging in 1, self-locking

S828AG A 00 FM 1000

<https://www.higoconnector.com/en/e-bike-connector/s828aga00fm1000>



## Specifications

### General Characteristics

<b>Number of contacts</b>	8 (2+2+4)
<b>Connector shape</b>	Angled plug
<b>Gender</b>	Male
<b>Color</b>	Black
<b>Upper temperature</b>	80 °C
<b>Lower temperature</b>	-25 °C
<b>Locking</b>	Self-Locking
<b>IP Protection</b>	IP67
<b>Mating cycles</b>	3000 Mating times
<b>Connector diameter</b>	28,05 mm
<b>Cable Length</b>	1000 mm
<b>Cable diameter</b>	8 mm
<b>Wire section</b>	2 x 2,5 + 2 x 1,3 + 4 x 0,2 mm <sup>2</sup>

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Remark

Other cable length/type on request

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### Electrical Parameters

<b>Rated current</b>	25 / 10 / 2 A
<b>Rated voltage</b>	48 V AC / 60 V DC
<b>Max. insulation resistance</b>	≥20 MΩ
<b>Max. contact resistance</b>	≤10 MΩ

### Material

<b>Material jacket</b>	PVC
<b>Insulation wire</b>	FEP
<b>Material of contact</b>	Brass
<b>Contact plating</b>	Gold over Nickel