

# Product data sheet

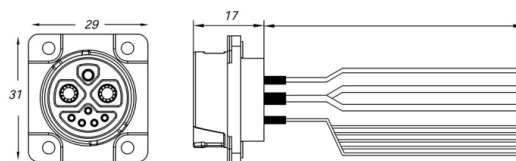
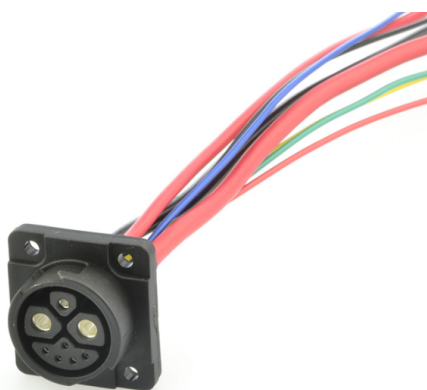
## Higo - Battery - S828B

### Female panel mount connector

## Charging & discharging in 1

S828BM C 03 GX 0300

<https://www.higoconnector.com/en/e-bike-connector/s828bmc03gx0300>



## Specifications

### General Characteristics

|                    |                                  |
|--------------------|----------------------------------|
| Connector shape    | Panel mount                      |
| Gender             | Female                           |
| Color              | Black                            |
| Upper temperature  | 80 °C                            |
| Lower temperature  | -25 °C                           |
| Locking            | Self-locking                     |
| IP Protection      | IP67                             |
| Mating cycles      | 3000 Times                       |
| Connector diameter | 29,0 x 31,0 mm                   |
| Cable Length       | 300 mm                           |
| Wire section       | 2 x 5.0 + 1 x 0.82 + 5 x 0.3 mm² |

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#### Electrical Parameters

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Rated current</b>              | 50 / 12 / 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>Insulation wire</b>     | PVC                       |
| <b>Material of contact</b> | 8 (2+1+5) Phosphor Bronze |
| <b>Contact plating</b>     | Silver plated             |