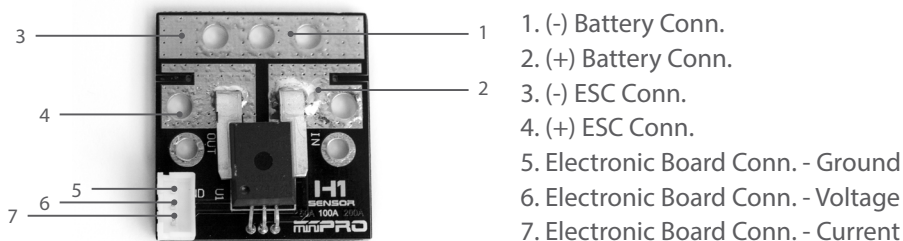


ELECTRONIC CONNECTIONS

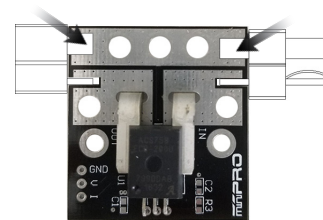
miniPRO H1 Voltage and Current Sensor Connection

Voltage and Current Sensor Diagram



NOTE: This diagram applies to the 50A, 100A, 150A and 200A sensor.

1 Solder Wires or Connectors

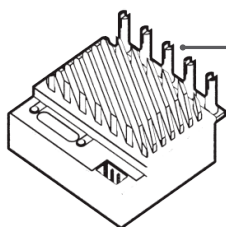


Solder the connectors of your preference OR 14 gauge wires. Try to keep the wires as short as possible to reduce the electrical losses

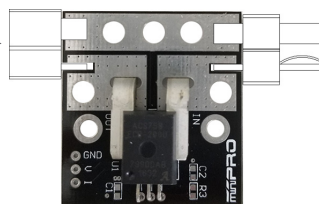
2 Connect Transmitter, Receiver, and ESC to the Motor

Please refer to the ESC, Transmitter, and Receiver manufacturers' instruction manual.

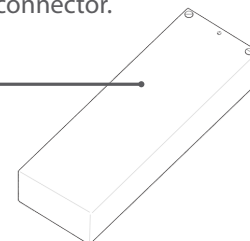
3 Connect Sensor



3.1. Connect the ESC's battery port to the sensor's ESC connector. See above sensor diagram for more information.

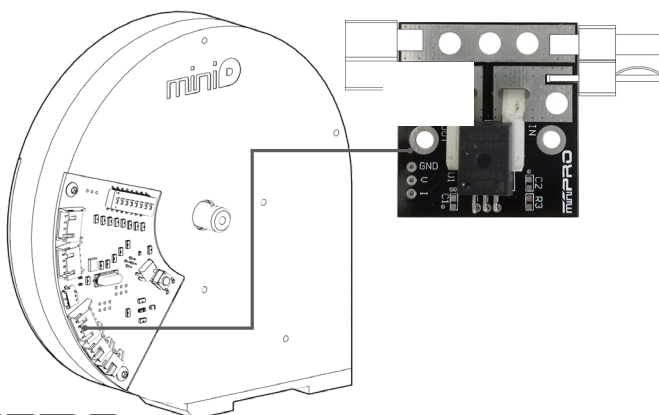


3.2. Connect the battery to the sensor's battery connector.



3.3. Turn ON the ESC and make sure it powers on. **If the sensor starts to overheat, disconnect the battery immediately.**

4 Connect Sensor to Electronic Board



IMPORTANT: You must calibrate the sensor each time the dyno is powered.

Calibration Instructions:

- 4.1. Open the miniPRO for Windows application and connect the dyno to the application.
- 4.2. Connect the power source to the sensor and make sure the ESC is turned off.
- 4.3. Push the reset button from the back of your dyno; and the current should read zero or close.
- 4.4. Power your ESC and you should be ready to start your testing.