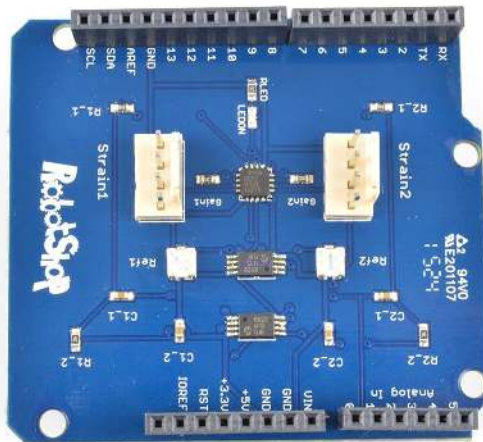




Description

- Compatible with a wide variety of load cells
- Based on AD8426 amplifier
- Contains 2 channels / inputs
- Voltage reference adjustment on board
- Works perfectly on Arduino UNO/Duemilanove boards

The Load Cell / Wheatstone Amplifier Shield (2ch) is intended for precise amplification of measurements specifically for bridge amplifiers, medical instrumentation and industrial process control. Instrumentation signals (for example from Wheatstone bridge sensors) are often in the order of mV (millivolts) or less, and need to be amplified for processing via ADC. This shield will allow you to interface two bridge sensors like load cells directly on your Arduino board. Fully assembled.



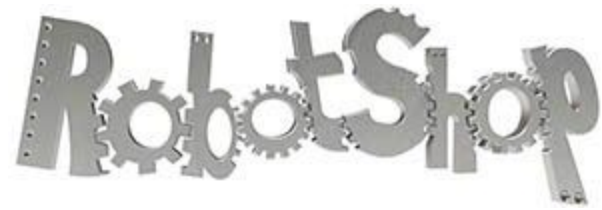
Specifications

- Gain adjustment with external resistor
- Gain range: 1 to 1000
- Two 4 pin Molex connectors with 0.1" spacing
- Voltage reference adjustment on board

Useful Links

PDF File

- [Test Procedure](#)



ZIP Files

- [Strain Gauge / Load Cell Shield Documentation](#)
- [Arduino Library](#)

Blog

- [Interface a Load Cell with an Arduino Board](#)
- [Arduino Load Cell & LCD](#)
- [Arduino Tutorials - How to Stack Wheatstone Bridge Shields](#)

Dimensions

- Size: 53mm × 60mm