eGauge 2V Analog Input Sensor

Model: ELV2

Compatible With
- 2-wire dry contact / relay
- 0 to 2 volt analog output sensors (≤ 50Ω)

Features
- CTid auto-configure
- CTid locator LED
- Includes 7' RJ-11 cable for connection to Sensor Hub

Connections
- RJ-11 (on back) for communication and power from Sensor Hub
- 3-pin analog input (Ground, Signal, +5Vdc)

Enclosure
- Extruded aluminum
- 26 x 26 x 40 (mm)
- 1.02 x 1.02 x 1.57 (in.)

Warranty
- 2-year Limited Warranty

Operating Specs
- -30 °C to 70 °C
- Humidity range: Up to 80%

Tech Specs
- 4.7 kΩ pull-up resistor between Signal and 2V
- Signal pin: open- 2V; closed- 0V
- FCC Title 47 CFR Part 15-Subpart B Class B

Requires
- eGauge Core/Pro (EG4xxx) meter
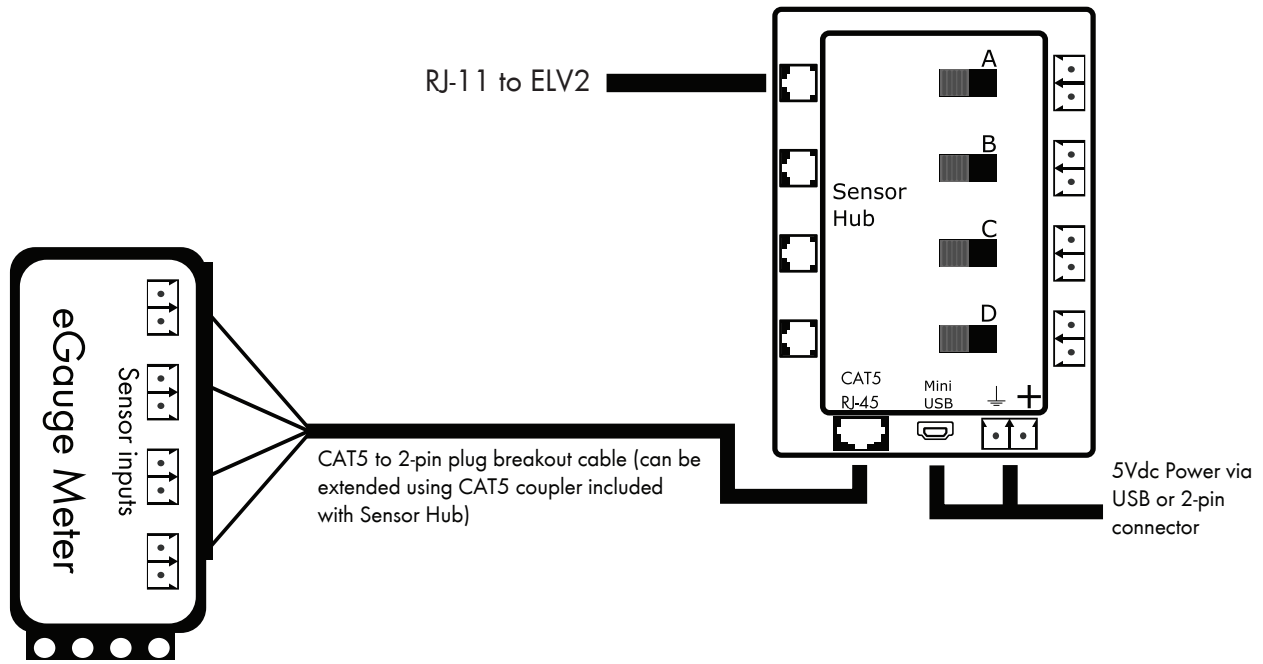- eGauge Sensor Hub (ESH044)

The eGauge 2V Analog Input Sensor allows EG4xxx meters to read 0 – 2V analog values or dry contact states from standard 2-wire dry contacts such as relays. The Analog Sensor requires the eGauge Sensor Hub (ESH044). Wiring diagrams for the Sensor Hub and compatible sensors can be found on the following page.
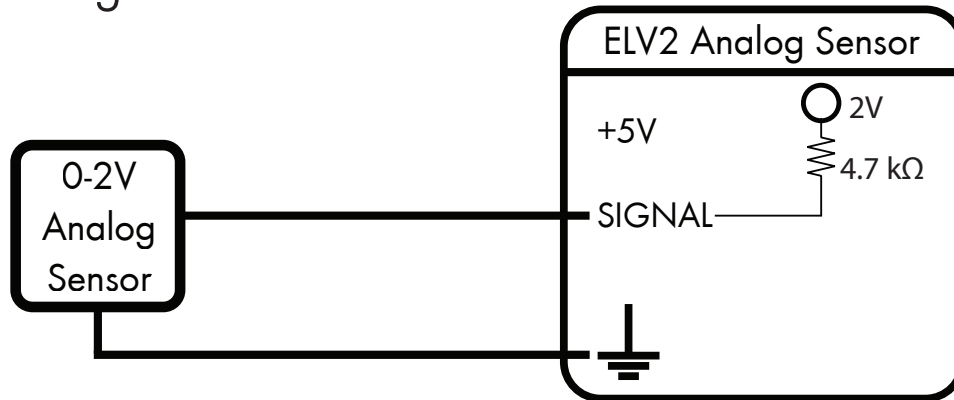
For more information visit egauge.net/support/m/elv2

Sensor Hub Connection

RJ-11 to ELV2

Sensor Hub

A
B
C
D

CAT5 RJ-45
Mini USB

eGauge Meter

Sensor inputs

CAT5 to 2-pin plug breakout cable (can be extended using CAT5 coupler included with Sensor Hub)

5Vdc Power via USB or 2-pin connector

Generic 2V Analog Sensor Connection

ELV2 Analog Sensor

2V

+5V

4.7 kΩ

0-2V Analog Sensor

SIGNAL

2-wire Dry Contact / RelayConnection

ELV2 Analog Sensor

+5V

SIGNAL