



eGauge Sensor Hub

Model: ESH044

Compatible With

- eGauge Pulse Sensor (EPS)
- eGauge Ambient Temperature Sensor (ETLW)
- eGauge Temperature Probe Sensor (ETN100)
- eGauge 2V / Dry Contact Sensor (ELV2)
- eGauge-provided CTs (used for extensions)

Connections

- 4x RJ-11 sockets for powered sensors
- 4x 2-pin sockets for unpowered sensors (CTs)
- 2-pin socket and Mini-USB for 5Vdc power
- RJ-45 plug for 2-pin breakout cable to eGauge meter

Contains

- ESH044 Sensor Hub
- RJ45 coupler
- 19" RJ-45 to 2-pin breakout cable
- 3' Mini-USB cable for power

Enclosure

- ABS
- 75 x 50 x 21 (mm)
- 3 x 1.8 x 0.8 (in.)
- 2 breakway mounting tabs for 5mm fasteners
- 2 DIN rail 3mm coarse thread screw holes, 4mm depth on back (compatible with EG4xxx meter mounting kit)

Additional Specs

- Operating temperature: -30 °C to 70 °C
- Humidity range: Up to 80%
- 2-year Limited Warranty
- FCC Title 47 CFR Part 15- Subpart B Class B

Requires

- eGauge Core/Pro (EG4xxx) meter



The eGauge Sensor Hub can connect up to four sensors to EG4xxx meter inputs. Any combination of powered and unpowered sensors can be used.

The RJ-45 breakout cable is used to connect the Sensor Hub to up to four neighboring inputs on the meter. The RJ-45 coupler can be used to extend the length of the RJ-45 cable as needed. Multiple Sensor Hubs can be used to connect more than four sensors to a meter.

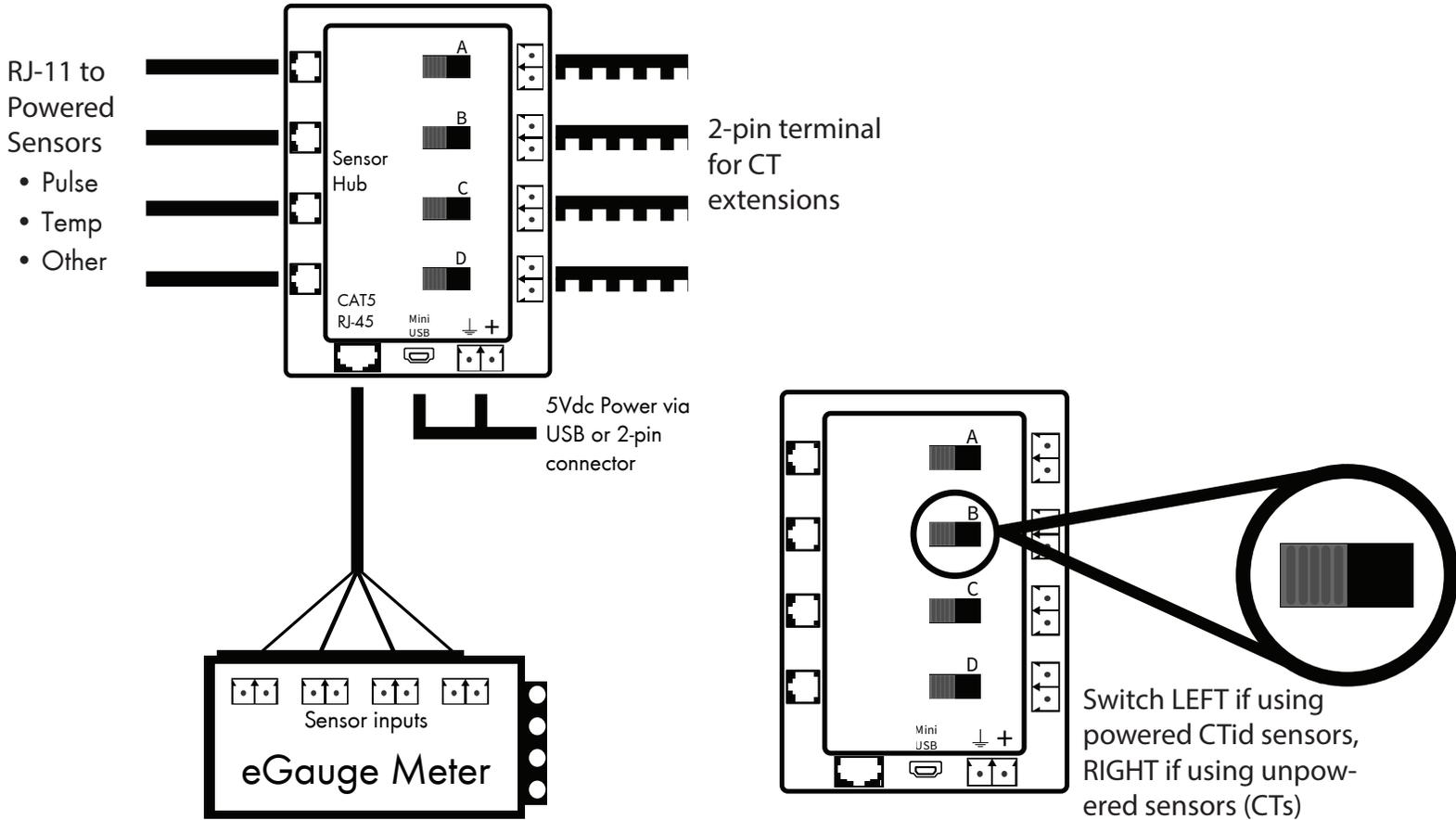
For powered sensors, the Sensor Hub provides a convenient method to adapt from the sensor's RJ11 cable to the 2-pin terminal plug of the EG4xxx meter. The 5V supply required for these sensors can be provided via Mini-USB cable or 2-pin terminal plug.

For unpowered sensors (CTs), the Sensor Hub provides a convenient method to extend CT cable length without requiring splicing or modifying the CT leads.

For more information visit
egauge.net/support/m/esh044



Sensor Hub Connection Diagram



Dimensional Diagrams (mm)

