



eGauge Sensor Hub Specifications

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 breakaway 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.

Switches select whether the powered or unpowered port is connected to the meter.

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

