

# Sensor Hub and Sensors

- RJ-11 wiring between Sensor Hub and Sensors

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Please visit [this article](#) for general information on the eGauge Sensor Hub and compatible sensors.

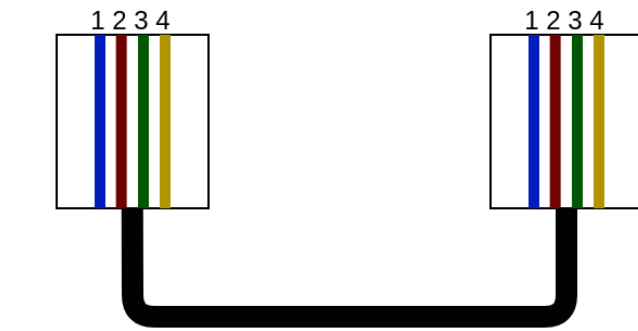
RJ-11 cables come in two varieties: "straight-through" and "reverse". Reverse is generally used in telephone systems, but the eGauge Sensor Hub uses "straight through" which is different. Using the incorrect style will result in failure to power the sensor and may lead to damage.

It is recommended only to extend the RJ-45 connection from the Sensor Hub to the eGauge meter sensor inputs. If extending the RJ-11 cable between the Sensor Hub and powered sensors is necessary, twisted pair RJ-11 should be used. Twisted pair RJ-11 is typically used in DSL modem connections. Ensure straight-through pinout is used as well.

The Sensor Hub uses "straight through" RJ-11 cables to connect the Sensor Hub to a powered sensor. This differs from "reversed" RJ-11 cables that are commonly used in telephone connections. It is a common misconception on which style is straight-through and reversed.

If using a cable that did not come with the sensor purchased from eGauge Systems, please ensure the wiring is done as "straight through" as depicted below.

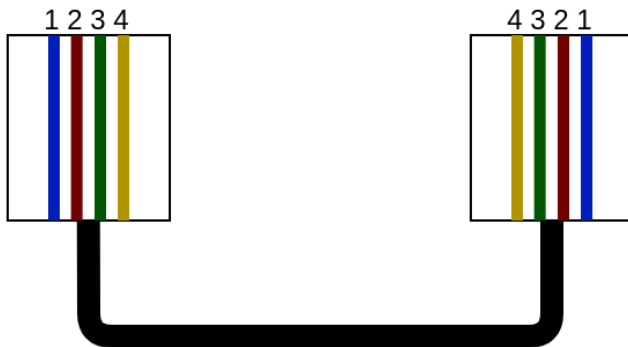
"Straight-Through" RJ-11 cable used for eGauge Sensor Hub and powered sensors. Colors do not matter; the order they are in is important.



Hook on bottom



"Reverse" RJ-11 cable. This must NOT be used for the eGauge Sensor Hub.



Hook on bottom

