

SENSE

4-20

Installation Instructions

1. Mount Sense 4-20 (brackets included) *
2. Open the cover
3. Thread the 4-20 mA 2-wire cable through the cable gland **
(Sense 4-20 powers the sensor via the 4-20 mA loop interface)
4. Attach 4-20 mA leads to labeled screw terminals
5. Install 4 AA Alkaline batteries
6. The Sense 4-20 will automatically search for a gateway, indicated by a series of very short blinks. Once connected to the gateway the Sense 4-20 will go into low power mode (LED will be off) and begin sampling the sensor.
7. Call Synapse to configure the dashboard for new sensor data

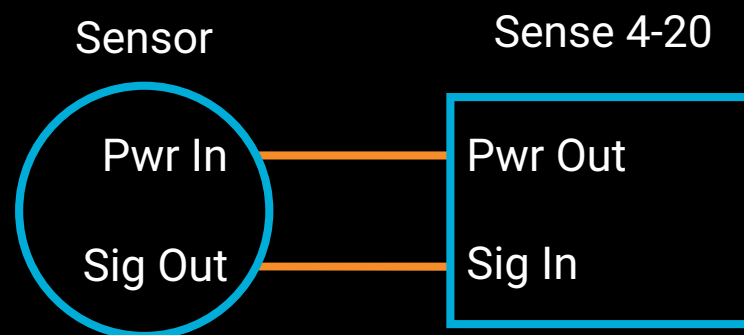
Notes

* This step may be performed at the end, if more convenient

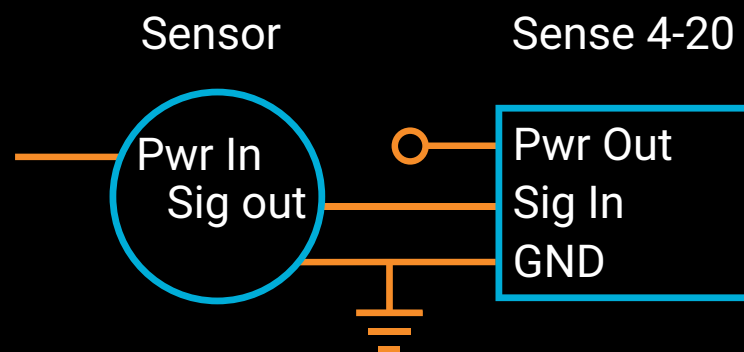
** Recommended wire size 18-22 gauge from the Sense 4-20 to sensor.

Wiring Diagram

Loop Powered Sensor



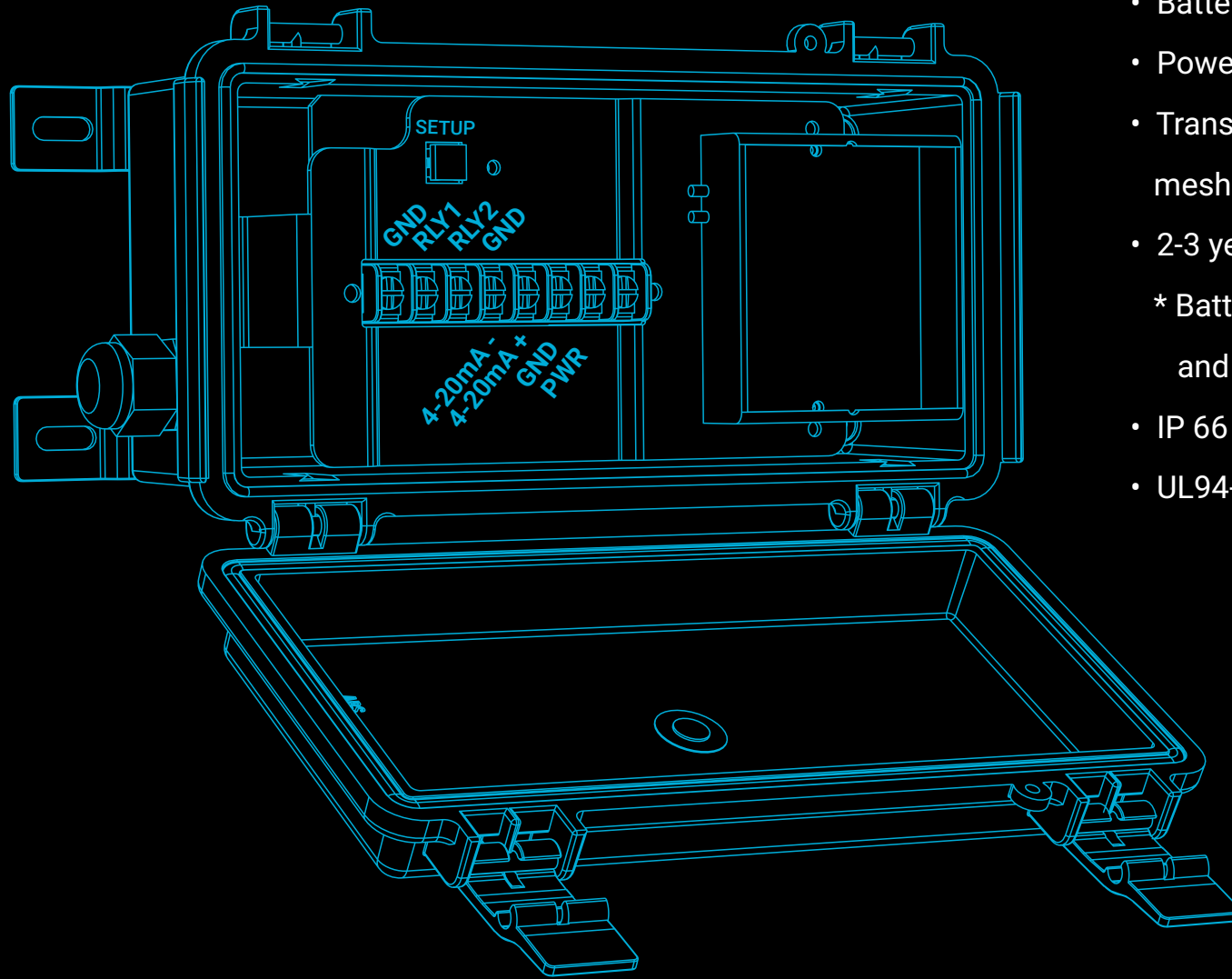
Externally Powered Sensor



simplysnap

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Features

- Standard 4-20 mA 75 Ω 2-wire sensor interface
- Battery-operated (x4 AA)
- Powers sensor via 4-20 mA loop
- Transmit data over wireless SimplySNAP mesh network
- 2-3 year battery life at a 15 minute polling rate
 - * Battery-life dependent on sensor settle-time and current draw
- IP 66 rated enclosure (3x5x9)
- UL94-5VA compliant enclosure