| Specification Data | |
| --- | --- |
| Job Name | |
| Type | |
| Catalog # | |
| Comments | |



## Battery or External Powered

## PRODUCT OVERVIEW

The Sense 4-20 is a wireless sensor interface that works in conjunction with other SimplySnap nodes and site controllers to gather important sensor data across key areas within a facility. The standard 4-20 mA sensor interface allows access to a wide variety of data.  With its compact battery-powered design, installation is quick and allows sensors to be quickly added where they are needed across a facility.
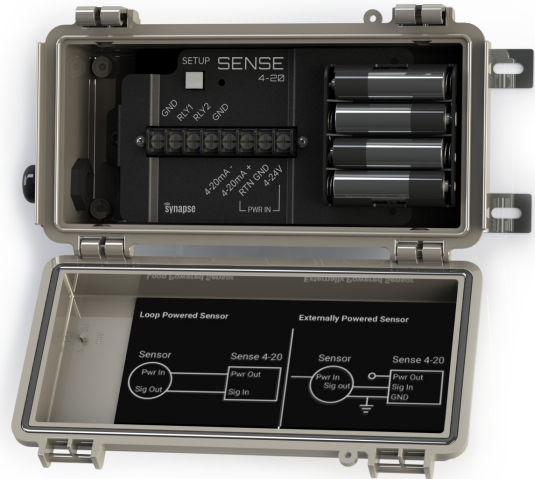
View current and historical sensor data from anywhere.  Create alerts to send email notifications when sensor measurements fall below or above the configured thresholds. Wirelessly tie sensors into controls via SimplySnap, enabling a wide variety of solutions across the facility.

Integrate with lighting controls and other energy monitoring solutions from Synapse to further gain control of your facility's infrastructure and eliminate waste.

## KEY FEATURES:

- Standard 4-20 mA 75 Ω 2-wire sensor interface
- Battery-operated (x4 AA) - Energizer Max reccommended
- Powers sensor via 4-20 mA loop
- IP 65 rated enclosure
- UL94-5VA compliant enclosure
- Range of 500 feet, line of sight
- RF Transmission Output Power of +20dBm
- Secure AES128 Encryption
- Self-healing 2.4GHz SNAP Mesh Networking
- Seamless SimplySnap Integration
- Secure, over-the-air upgrades to support future enhancements

| Product # | Description |
| --- | --- |
| WSI-4-20-101 | SimplySnap industrial 4-20 mA wireless sensor interface |

## SPECIFICATIONS

| | |
| --- | --- |
| Dimensions | 7.9" L x 3.9" W x 2.8" H (200 x 100 x 70 mm) |
| Input Power | 4 to 24VDC or 4 AA batteries- Energizer Max reccommended |
| Battery Life | Up to 1 year with 15 minute poll rate |
| Operating Environment | -40C to +70C, 10 to 98% RH, non-condensing |
| Sensor Interface | 4-20mA |
| Sensor Power | 24VDC |
| Enclosure | IP65 Rated |
| Mounting | Wall, Ductwork or I-Beam |
| Radio | SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity |
| Radio Range | Up to 500 feet, line of sight |
| Certifications | FCC, Class B; cULus, RoHS |
| Warranty* | 1 Year |

*See www.synapsewireless.com/warranty for warranty terms

**To learn more, call or visit:**
**synapsewireless.com**
**(877) 982-7888**

Patented – Virtual marking at https://www.synapsewireless.com/about/patents

**WIRELESS SENSOR INTERFACE**