



WIRELESS 4-20mA CURRENT LOOP SENSOR

Outdoor/Industrial Version



The 4-20mA sensor uses a 10-bit ADC to measure an analog value between 4-20mA and provides 10uA of resolution.

If the measured value rises above or falls below the configured thresholds, an alert is sent over the wireless network.

Compatible with third-party LoRaWAN compliant gateways and network servers.

FEATURES

- Built-in radio that talks directly with the LoRaWAN wireless network
- Two types of tamper detection: enclosure Tamper and wall mount tamper
 - Enclosure tamper
 - Wall mount tamper detects (indoor version)
- 200,000+ transmissions on a single battery and a 5-10 year battery life depending on usage
- User replaceable battery
- Fully integrated internal antenna
- Over the air sensor configuration in the field
- Automatic low battery reporting and supervisory (sensor health) reporting

APPLICATIONS

- Monitoring industrial process control outputs
- Monitor signaling to control valves
- Enable existing 4-20mA sensors with LoRaWAN
- General monitoring of a 4-20mA industrial output

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