

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.

Versions of the sensor support the major LPWAN standards such as Sigfox, LoRa/LoRaWAN, and NBLoT.

APPLICATIONS

- Monitoring industrial process control outputs
- Monitor signaling to control valves
- General monitoring of a 4-20mA industrial output

FEATURES

- Built-in radio that talks directly with the wireless network*. Standards include:
 - Sigfox®
 - LoRa®/LoRaWAN™
 - NBLoT
- Enclosure tamper detects if the packaging of the sensor itself is opened or broken
- 20,000-200,000+ 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
- IP67 Armored Sensor™ version for outdoor/industrial use

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