



Sensor & Gateway -

Features

- . Bidirectional measurement range of +15 to -15 psi
- Ambient air temperature measurement at sensor .
- Wireless mesh networking with DigiMesh
- Internal antenna
- 2-mile line-of-sight communication range .
- Multiple daily sensor readings .
- Filters to prevent debris intrusion of sensor ٠

Sensor Environmental and Regulatory Qualifications

- Temperature operation range of -40°C to +85°C (-40°F to 185°F) .
- Maximum burst pressure rating of 72 psi (5 bar) .
- Enclosure Rating: IP65; NEMA 1, 2, 4, 4x, 12, 13 UL-508
- Humidity Range: 0-90%
- Frequency Bandwidth: 902 to 928 MHz at 24 dBm •
- Flammability Standard: UL 94 HB ٠
- FCC and RoHS Compliant

Sensor Data

- Data sampling rate: every 10 minutes
- Single-sample measurement from each monitoring point; differential displayed in psi
- Mounting: 1/4 NPT, 1/4-28 UNF, or magnetic mount
- Batteries: 6AA (L91)

Specifications

- Works in 868MHz, 900MHz and 2.4GHz bands •
- Encryption: AES-128
- Sensor: 5.7"L x 3.49"W x 2.16"H .
- Clearance Recommendation: Maintain safe distance to prevent . tubing from snagging or being crushed
- Sensor Weight: 1.4 lbs
- Gateway: 11.5"H (with antennae) x 4.1"W x 4.25"D
- Gateway Weight: 3 lbs



Fluid Level Monitoring



Instrumentation



Wireless Differential **Pressure Monitoring**

APPLICATIONS

Home Automation and Control

Heating, Ventilation and Air Conditioning (HVAC)

Software -

Dashboard

- Easy to understand psi differential charts
- Real-time graphical display of pressure differential and ambient temperature
- Toggle between Celsius and Fahrenheit
- Easy to recognize notification features designed to reduce alert fatique

Customization

- Easily map your equipment with your terminology
- Create notification groups and escalation groups (SMS or Email)



Sensor Actual Size: 5.7"L x 3.49"W x 2.16"H