

# LEAK SENTRY TANK GAUGE

## LS-8C LEAK SENTRY

### PRODUCT DESCRIPTION

The Preferred Utilities Leak Sentry uses an industrial microprocessor to monitor and alarm up to eight separate leak detectors. Leak detector inputs can be:

- 120 VAC float switches (Preferred RBS, PS-LDS, or PLS)
- Low voltage float switches (commercial float switches)
- 4-20 mA output discriminating leak detectors (Preferred HD-A2-C)

Each leak input is individually annunciated with indicating lights on the front of the unit. An alarm horn and alarm horn silence pushbutton is included. Leak status is also available via Modbus RS-485 digital communication.

Up to ten Leak Sentries can be digitally connected via Preferred Nodenet two channel redundant communication network. Up to 31 Leak Sentries can be connected via Modbus.

The NEMA 4X enclosure is resistant to rain, dust, and direct sunlight.

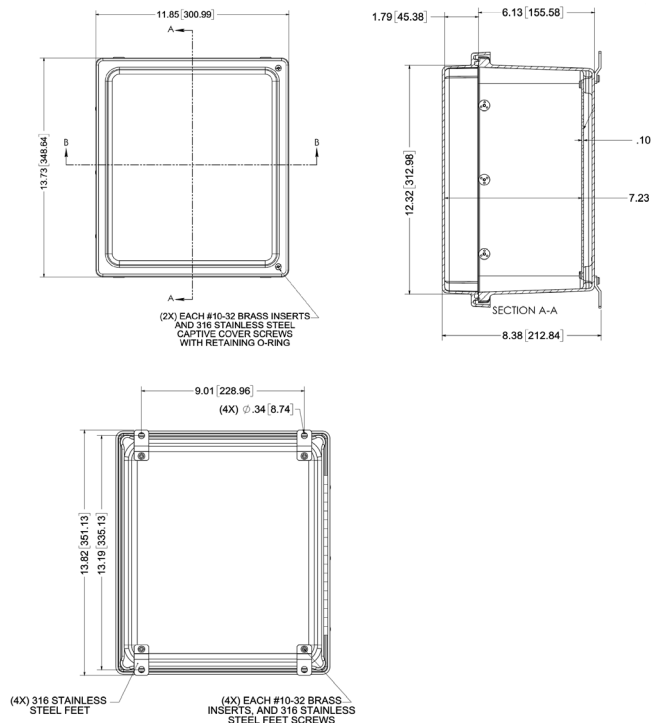
### FEATURES

- Monitors and alarms up to eight leak detectors
- Interfaces with 120 VAC and 24 VDC float switch leak detectors
- Interfaces with Preferred Utilities HD-A2-C oil/water discriminating leak detectors
- Field configurable
- Sensor wiring fault detection
- RS-485 Modbus compatible
- Up to 10 Leak Sentries can be connected via Preferred Nodenet two channel redundant communication network.
- Up to 31 Leak Sentries can be connected via Modbus RS-485.



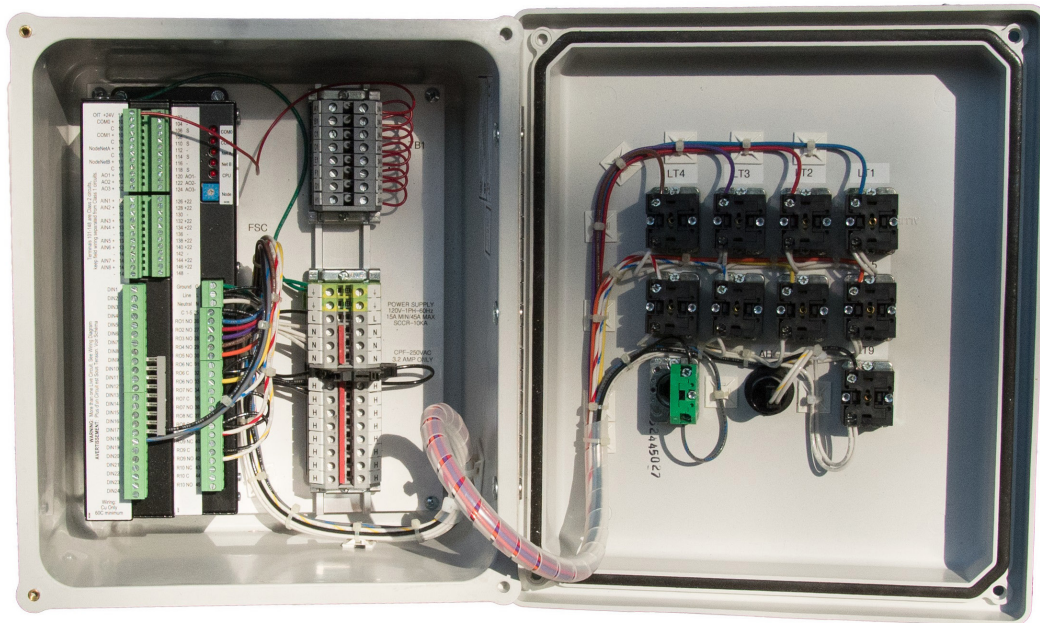
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### DIMENSIONS



## SPECIFICATIONS

|                        |   |
|------------------------|---|
| Mechanical:            | 13.73" H by 11.85" W by 8.38" D   |
| Weight:                | 7 lbs.  |
| Enclosure:             | NEMA 4X   |
| Operating Temperature: | 32° F to +122 °F  |
| Electrical:            | Voltage: 120 VAC +10% - 15%, 50/60 Hz   |
| Power consumption:     | 26 VA   |
| Leak Detector Inputs:  | Eight 120 VAC digital inputs<br>Eight analog inputs configured for 4-20 mA input<br>or 24 VDC rated contact |
| Intrinsic Safety:      | Zenier barriers (optional)  |
| Alarm Outputs:         | Eight SPST contacts, one per leak channel<br>1.5 amp rating   |
| Common alarm           | 1.5 amp rating  |
| Communication:         | Modbus, RTU. 38,400 baud  |



LS-8C LEAK SENTRY

| Catalog Number | Description   | Shipment  | List Price |
|----------------|---|-----------|------------|
| LS-8C          | Leak Detector Monitor, NEMA 4X enclosure, 120 VAC and 24 VDC leak detectors | 1-2 Weeks | \$6,680.00 |