918Q Leak Detection Alarm Box Specification

The 918Q Alarm box shall provide an audible and visual indication of alarm conditions, provide a 90dB audible alarm at 4 feet, be capable of monitoring 4 sensor signals, be powered by long-life replaceable lithium batteries, provide user-defined alarm labels, have visual indicators to identify which sensor is alarming, have a visual low-battery indicator, have modular contacts for ease of sensor wiring, comply with UL 913 and CSA 157 intrinsic safety requirements, have a corrosion-resistant and water-resistant housing, and be intrinsically safe for Class 1, Division 1 and 2 Group D hazardous locations.

**Alarm Features**
- Audible and visual indicators
- Self-powered by long-life replaceable lithium batteries
- Monitor up to four sensor signals
- User-defined alarm labels
- Visual alarm indicators easily identify which sensor is alarming
- Compatible with 918/918 TCP gauging equipment
- Low battery visual indicator
- Audible alarm sounds 90 dB alarm at four feet away
- Modular contacts make alarm devices easy to install
- In compliance with UL 913 and CSA 157 intrinsic safety standards
- Corrosion-resistant and water-resistant housing for long life
- Intrinsically safe for Class I, Division 1 and 2, Group D hazardous location
- Audible alarm auto silence mode (10 minutes)
- 918/918F clock gauge with 918S, 918D, or 918Q alarms are Florida DEP EQ527 approved

**Gauge Features**
- Easy to install in a single 2” tank top opening, easy to calibrate
- Gauge face displays level reading in feet and inches. The hour hand (short hand) displays the number of feet and the minute hand (long hand) accurately displays the number of inches
- Gallon or liter reading gauge models available
- Accurate to ¼ of an inch
- Easily read from 30 feet away
- Vapor tight construction and fog free design
- Gauge rotates 360° making it easy for the face to be read from the desired orientation
- Visual indicators for high level (red) and low level (green)
- Floats fit through a 2” schedule 40 pipe nipple
- Drop tube float compatible with Morrison 419 2” drop tube; reduces float entanglement when turbulent conditions are present
- 918T and 918FT series are compatible for use with Diesel Exhaust Fluid (DEF)

The 918 alarm box can be paired with a variety of Morrison 918 clock gauges or level sensors. Alarm set point calibrated at installation. The alarm box is compliant with UL 913 and CSA 157 intrinsic safety standards.