

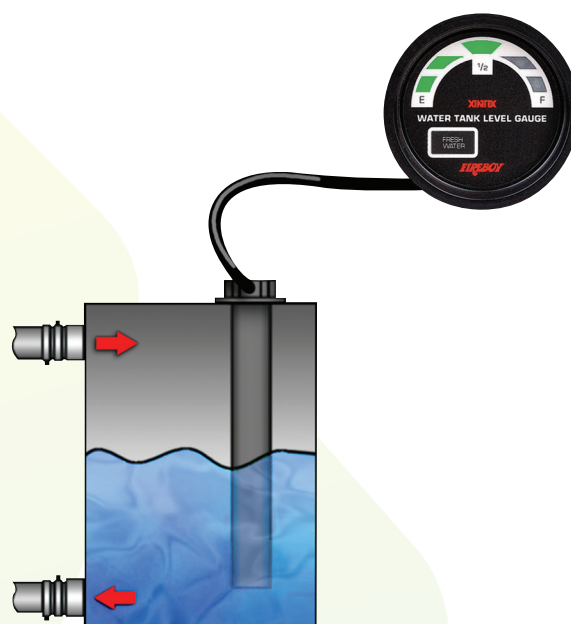
Pneumatic Liquid Level Monitoring System

FIREBOY - XINTEX
Marine Safety Systems

Product Description

Measuring marine water and holding tanks requires a reliable system. The new generation of Fireboy-Xintex pneumatic liquid level monitoring senders and display gauges were designed with no moving parts to stick or clog, giving you peace of mind knowing that you are getting the most accurate readings possible.

- Tank senders use pneumatic (pressure) reading technology to accurately measure waste and water tank levels
- Troublesome clogging is virtually eliminated because there are no moving parts and the electronics do not come in contact with the waste material
- Solid-state, advanced micro-processor controller accurately measures pressure changes to measure tank levels
- New PTS and PFS Senders replace all Xintex TS and FS Senders (two-wire) and are compatible with existing LLM-1/LLM-2 Series gauges for convenient system retrofit; not a replacement for Xintex WTG Series (three-wire) senders
- Not affected by atmospheric changes
- Two-wire sender connection



Pneumatic Tank Senders

Pneumatic Threaded Senders (PTS) easily install into plastic or metal tanks with 38mm NPT threads. Pneumatic Flanged Senders (PFS) are available for tanks without a threaded top port and utilise a five-bolt pattern for installation. Gasket and five stainless steel 8# 32mm Phillips screws are included.

Sender sizes are available from 178mm to 914mm in 25.4mm increments. No calibration or user programming required. All senders are factory calibrated and ready to install. However, PTS and PFS senders may be shortened and re-calibrated in the field to adapt to smaller tanks.



Displays

Displays are available for monitoring one or two tanks in any combination of fresh water or holding tank. Five green LED's illuminate to indicate empty, 1/4, 1/2, 3/4, and full. Press the pad to instantly see the tank levels. The display will not illuminate during standby to conserve current draw. 12 VDC operation. 51mm round.



LLM-1



LLM-2

DATA SHEET

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HOW TO SELECT YOUR LIQUID LEVEL MONITORING SYSTEM

Tank Sender Selection

Select the Threaded (PTS) series for tanks with 38mm NPT threaded top ports. Select the Flanged (PFS) series for tanks without threaded top ports. Flanged Senders have a 5-bolt pattern that attaches to the top of the tank.

To determine the length of sender needed, measure the height of the tank. Select the length of sender to the nearest inch that will come no closer than 38mm from the bottom of the tank.

Here's an example: You would use the PTS-12 model for a 305mm Threaded Sender and the PFS-14 model for a 355mm Flanged Sender.

For monitoring three or more tanks, select additional display(s) as needed.

Display Selection

Select the display based on the number and type of tanks that you will be monitoring.

Model Number	Description
LLM-1	1 holding tank
LLM-1F	1 fresh water tank
LLM-2	1 holding tank, 1 fresh water tank
LLM-2H	2 holding tanks
LLM-2F	2 fresh water tanks