

Class 1

ITL 40 Tank Level Quick Start Guide

INSTALLATION



Mount the unit with the text "TOP" situated appropriately before applying the label to the display.

WIRING

Master – Only pins 1, 5, 6, 7, 12 are required for a system that doesn't use any remote units. If remote units are part of the system pin 9 (1-wire communication) or pins 2, 3, and 11 (CAN communications) must be used.

** See full manual p/n 118253 for detailed information.

Remote – Only pins 1, 12 and pin 9 (1-wire communication) or pins 2, 3, and 11 (CAN communication) are required for a remote unit.

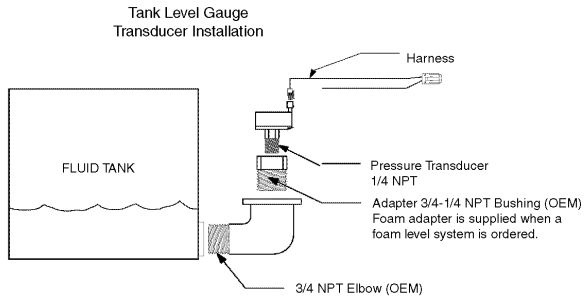
** See full manual p/n 118253 for detailed information.

Dim – Apply positive voltage (+VIGN) to Pin 4 to dim the display.

Aux - ** See full manual p/n 118253 for detailed information.



PRESSURE TRANSDUCER MOUNTING



Mount the pressure transducer (sensor) vertically to insure an accurate reading and to reduce the possibility of sensor port contamination.

MAGNETIC SWITCH ACTIVATION

A magnet is required to activate the magnetic switches in order to enter passwords.

Each magnetic switch activation must occur within 2 seconds of the last or the password will be reset.

The left column of LEDs will light when the **LEFT (L)** magnetic switch is activated.

The right column of LEDs will light when the **RIGHT (R)** magnetic switch is activated.



Activate a magnetic switch by using an in-and-out motion starting from approximately two inches away from the bezel.

Do not use a swiping action.



1 POINT CALIBRATION (FULL)

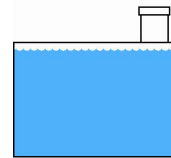
1. FILL the tank. Enter the password **RLLR LRRL** to store the calibration. Unit flashes top row of LEDs, then displays FULL (all LEDs on). Calibration complete.

2 POINT CALIBRATION (EMPTY, FULL)

1. Enter the password **RLLR LRRL** to enter 2 point calibration configuration mode. Unit flashes the two center rows of LEDs twice. Unit indicates EMPTY (cascading the LEDs).
2. Ensure the tank is EMPTY. Activate the **RIGHT** switch to store this point. Unit flashes top row of LEDs, then displays FULL (all LEDs lit).
3. FILL the tank. Activate the **RIGHT** switch. Unit flashes top row of LEDs, lights the two center rows of LEDs, then displays FULL (all LEDs lit). Calibration complete.

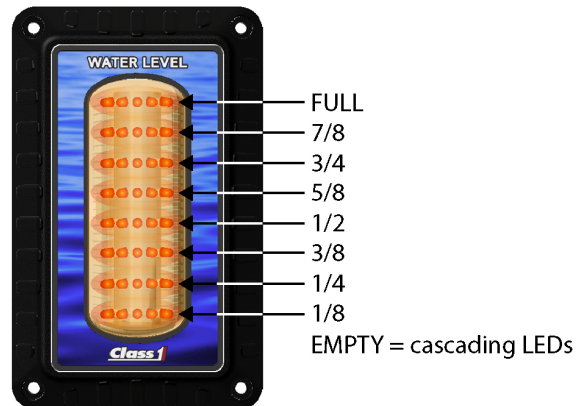
Make certain that the FULL point used for tank calibration is approximately 1 inch [2.54 cm] to 2 inches [5.08 cm] from the physical top of the tank.

Do not calibrate the FULL point with the water level up into the fill tower.



OPERATION

During power up the display will individually cycle on each LED starting with the bottom LED. The unit will then show the custom scroll text and then show the current tank level information.



For detailed operation and troubleshooting consult the full manual (p/n 118253) available from the Class 1 web site www.Class1.com