

**The Concept:** TLM uses simple and reliable sensing technology (floats) to indicate tank level in fresh or waste water applications. The sending unit is designed for tank-top installation into a 1-1/2" NPT threaded opening.

**Installation, Sender:** If your tank has an available 1-1/2" NPT threaded opening, apply TFE thread tape and screw the sender into it - hand tight only.

If your tank does not have an available threaded opening, cut a 2-1/2" hole with a hole saw. Press the black rubber Tank Seal™ into the hole and then press the white PVC female threaded adaptor into the Tank Seal™. Apply TFE tape and screw the sender into adaptor.

**Important:** Note the position of the blue dot on the threaded plug. The dot aligns with the floats and will help you position the floats AWAY from in-tank hardware, such as pumps, standpipes or the tank wall. Interference with these items may interfere with free movement of the floats, and will result in incorrect level readings.

**Installation, Panel:** The gasketed indicator panel fits into a 2-1/16" x 3-3/8" wall cut-out and is suitable for use in wet locations such as shower/head compartments. 2" clearance is required behind the wall. Use the attached template to assist with cut-out dimensions.

**Electrical:** Refer to the wire size selection chart enclosed to properly size DC power and Macerator Pump connections. Use ring terminals for #6 stud for connections to the indicator panel (supplied).

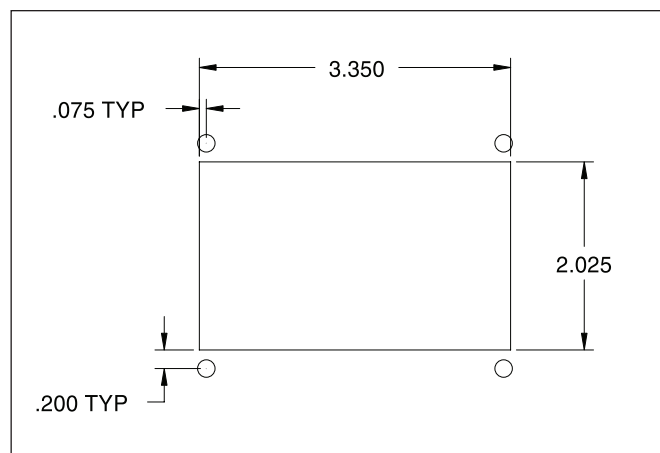
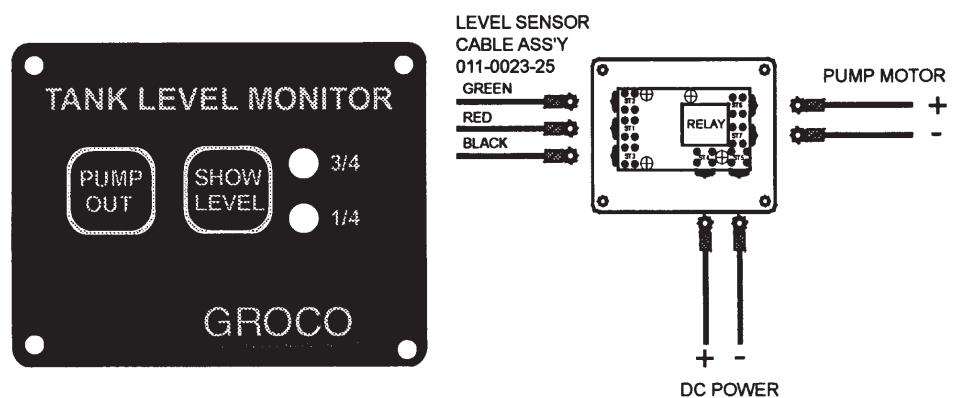
**Operation:** Level indications are as follows:

- \* Tank level is below 1/4 - No level is indicated
- \* Tank level is between 1/4 and 3/4 - 1/4 level is shown
- \* Tank level is 3/4 or more - both 1/4 and 3/4 level are shown

**Note:** If you want level indicated ONLY when "Show Level" is pressed, cut the jumper on the pcb that is marked with the small piece of yellow wire.

**Custom Length Sender:** Custom length senders are available in 1" increments. Order 08-0004-XX (XX = tank depth).

**Maintenance:** Periodically remove and rinse the sender. Reinstall HAND TIGHT ONLY. No regular maintenance is required. Annual inspection of plumbing and electrical connections should be made.



(not to scale)