

Work Sheet to calculate the “converted” Sensor Range, Offset and Set Points to Liters from PSI for each tank to program into the DistaView controller*.

Step 1. Convert the Sensor PSI range to feet of water column.

$$\boxed{} \times \boxed{.70} = \boxed{}$$

Write in your sensor psi. 1 PSI = .70 Meters of Water

Sensor range in meters of water.

Step 2. Divide the specific gravity into the answer you have above

$$\frac{\boxed{}}{\boxed{}} = \boxed{}$$

Sensor range in meters from step 1. Specific Gravity of the Material

Write in the specific gravity of your material.

Converted sensor range in meters. This will be **larger** than the total capacity of the tank

Step 3. To determine the sensor range in liters to program into the controller you need to do the following:

$$\left(3.14 \times \boxed{}^2 \right) \times \boxed{} \times 1000 \text{ liters/cubic meter} = \boxed{}$$

Radius in METERS, not centimeters, of the tank squared. Converted sensor range in METERS from Step 2.

The Sensor Range, corrected for specific gravity. Program this into the controller. This will be **larger** than the total capacity of the tank.

Step 4. To determine the Liters per meter of tank height to assist in programming the Offset and Alarm levels into the controller you need to do the following:

$$\frac{\boxed{}}{\boxed{}} = \boxed{}$$

The Sensor Range from Step 3 to program into the controller. Converted sensor range in meter.

Liters of Material Per Meter of Tank Height

Step 5. Converting the Liters per meter of tank height into Liters per centimeter of tank height may assist in programming the Offset and Alarm levels into the controller.

$$\frac{\boxed{}}{100 \text{ Centimeters}} = \boxed{}$$

Liters Per Centimeter of Tank Height

*Note: 68,000 units is maximum input for sensor range and actual level displayed in units for 2Point
 999 units is maximum input for sensor range and actual level displayed in units for LiquaVision and TwoView