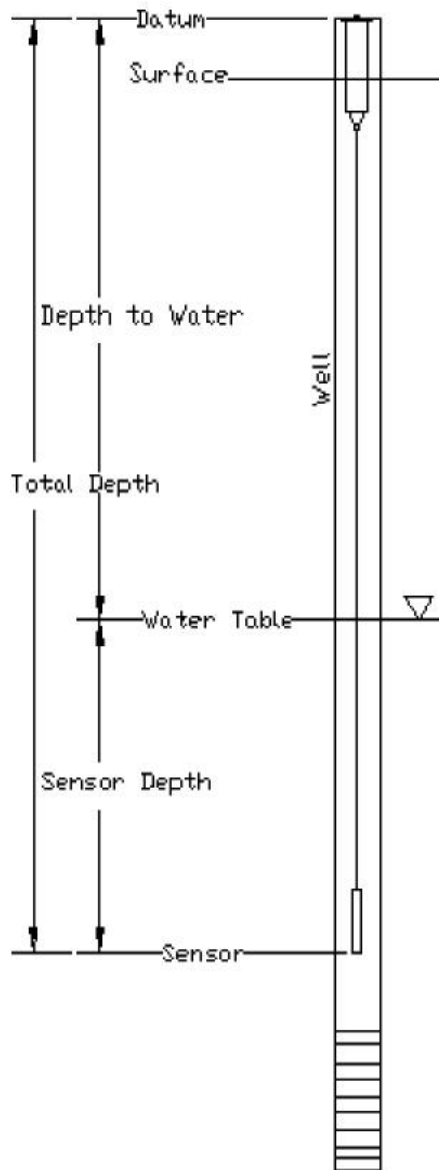




Addendum: GL400 Datalogger & WL15 Water Level Logger Calibrating Level sensors for depth to water readings



(Note: To take depth to water readings, the bar graph must be calibrated to the full scale of the sensor. See Calibrating Bar Graph to Higher or Lower ranges.)

The first step is to find the Total Depth of the sensor. This is the distance from the end of your sensor to your datum. (Cable lengths from the factory are not exact. You may need to measure for precise distances.)

Total Depth = _____

Next, find the maximum Sensor Depth (range of the sensor). In the "Setup" section of the software, you can find this value by using the following equation:

Sensor Depth = | High EU _____ - Low EU _____ |

Sensor Depth = _____

Now you can find your new Engineering Units using these steps:

New Low EU = Total Depth

New Low EU = _____

New High EU = Total Depth – Sensor Depth

New High EU = _____

Finally, enter these New EU values into your datalogger and verify the readings are correct.

