I have installed the TLM100 and see incorrect tank levels; what does this mean?

535 Mark Oslund July 28, 2015 DSM250 (Discontinued), DSM410, TLM100, TLM150, TLM200(Discontinued) 0 11.21K

The TLM100 uses an ultrasonic signal to determine a distance measurement from sensor to level.

The tank application must be compatible with the TLMXXX measurement technology. If you have already installed a TLMXXX and received unexpected results, the following entries may shed light on the issue.

The range for the TLMXXX modules are as follows:

TLM100 2" to 40"

TLM150 2" to 24"

TLM200 6" to 104"

The TLM100,TLM150, or TLM200 will transmit a dash if:

- Level is beyond the maximum allowed range
- Sensor signal is degraded or deflected by an object
- Fluid is in contact with the sensor

The TLM100,TLM150, or TLM200 will transmit a 100% if:

- Level is at the minimum allowed range
- Level is within the minimum allowed range
- There is no level and Tank depth exceeds range of the device.

The TLM100,TLM150, or TLM200 will transmit erratic readings if:

- Tank level table has duplicate distance entries equaling the same percentage output.
- Foam is present on the surface of the liquid.
- Tank Baffle Foam(cube form) is installed within the tank.

Online URL: https://maretron.com/wp-content/phpkbv96/article.php?id=535