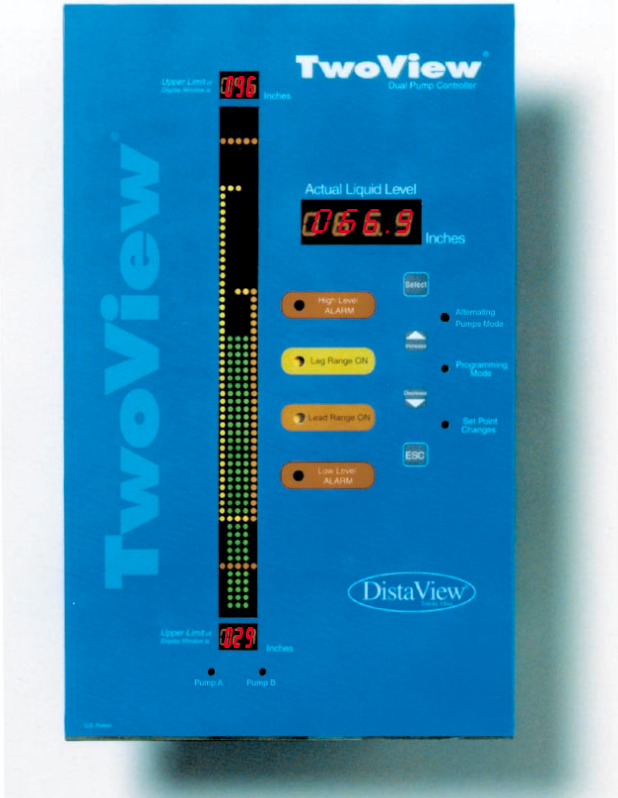


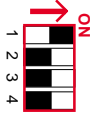
TwoView® - Now what do I do?



“ I’ve pushed every button, changed every possible setting, checked the bubbler for air leaks and the darn thing still doesn’t work right! ”

Hints and suggestions before you call the service techs or pound on TwoView®

Before you do anything else, open the enclosure and put TwoView® in Program Mode: DIP switch 1 ON; all others OFF. Press SELECT on the face to see *RANG* on the display. Does the number in *RANG* match the range printed on the transducer? If not change the range.

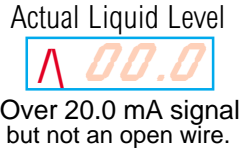
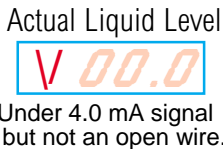


Setting the transducer range is very straight forward, and critical to reliable operation. *RANG* is decided by the transducer manufacturer at the time they make the unit. It is the sensitivity or responsiveness of the device and is printed on the transducer. Some ranges are PSI some in inches of water or Hg. If it is in PSI, you’ll have to convert the psi to inches: (psi) x (27.7 inches) = Inches

ERR3 is flashing on the display. This could be simple to fix or not so simple.

- The first thing to do is reboot TwoView® by disconnecting and reconnecting the three-pin Phoenix power input connector. If the sensor leads have been accidentally shorted, the built-in 4-20 mA protection circuit can be reset by rebooting.
- Check that liquid is covering the transducer sensor or bubbler pipe. *ERR3* also means that there is not at least 3.98 mA of current getting to TwoView®.
- The sensor may have died. If you have a 4-20 mA simulator available, you can connect it to the sensor input terminals to act as the sensor signal coming to TwoView®.

What are these V ^ things? If the sensor is giving you just under or just over 4 or 20 mA, the up or down character appears, telling you the sensor is OK, but either needs adjustment or doesn’t have liquid covering the stand pipe.



Adjusting the display to show the actual level you measured in the tank. After you have verified all of the above, you can now fine tune the actual display on TwoView®. If you measure 45 inches and the display says you have 43, this is what you do. Hit SELECT three times, or until you see *OFST* and then *L000*. Increase it by two inches, and hit ESC. Now it should read 45. Keep adjusting *OFST* until it matches your actual measurements.

Put TwoView® back into View Mode after you complete calibration and checking.

