

Reverse osmosis turbidity monitoring with a VOD

Application Description

The product goes through the reverse osmosis.
The permeate turbidity is monitored

Milktronics Solution

A VOD is perfect for this task. The high resolution between 0-50NTU on a 3 or 4" pipe diameter is adequate.

Once the NTU value reaches a higher turbidity level It means there is a leak into the RO then the flow is directed to another tank avoiding contamination or the flow is stopped. The VOD continuously sends a 4-20mA in direct correlation with the turbidity. Robust technology, the sensor comes with 3A certificate and its own pipe.



- Any calibration range possible
- USB port integrated Extended history
- 4 recipes available with up to 16 calibration pts each
- Long life LED auto compensated
- Several wavelengths available included UV
- no display, integrated display and remote display.

Process drawing:

