

Interface measurement of sludge in water

The challenge

Our customer required to measure the sludge level in a lamellar separator. The contaminated water comes from a large metal recycling plant, and the sludge level measurement is used to control a pump, which pumps the sludge into a press.

Our solution

In this particularly difficult application, the UWT VIBRANIVO VN1000 vibrating fork with a specially developed electronic module for interface measurement is ideal. The adjustable sensitivity means the sensor can be set to the required switch point. The VN1000 functions maintenance-free and has also been well proven in other interface applications. The excellent cost-/performance ratio is another plus in comparison with other measurement principles



Products



VN 1030

Full, Demand, Empty Detector
Tube extension version

- Vertical, horizontal and oblique installation.
- Mechanically highly durable due to short vibrating forks.
- Shaft length up to 4000mm available.
- Flexible height adjustment
- Also suitable for Interface measurement.