

NB3300 in a sedimentation tank for dirty water

The Challenge



A customer in the quarry industry is looking for a reliable level sensor for a interface measurement in a sedimentation tank with slurry. The application is not easy, because there is an agitator in the tank and a lot of humidity and dirt.

Our Solution

The solution is the electromechanic sensor Nivobob NB3300. It has an adjustable sensor weight and the sensitivity is perfect for such applications in water and slurry. The sensor is protected against chemicals like flocculants. The measurement start is controlled by a proximity switch so that there are no problems with the agitator.



Products



NB 3300 Rope Version

Interface Measurement

- Suitable for the continuous level measurement of sludges and solids in liquids.
- Continuously reliable measurement results.
- Flange mounting.
- Measuring range up to 30m.
- Version with improved corrosion resistance for chemical and salt applications.
- Sensitivity adaptable depending on sediment density.