

Level limit measurement in wet sand



The challenge

Our customer, a well-known German producer of cement and lime, required a level limit switch for his wet sand bunker in order to prevent overflowing as a result of new loads of sand. Wet sand tends to cake slightly and show signs of high abrasion.

Our solution

With the UWT level limit sensor of the capacitive series RF3200 this full detector solved the problem in an excellent way. Due to the simple construction of the capacitive sensor and its reliability, an optimum outcome could be achieved. The first setting via “push button“ calibration is very easy to accomplish.



Products



RF 3100

RF3100 Standard Version

Full, Demand, Empty Detector

Shaft is selectable as

- Rod version (vertically, horizontally and oblique installation)
- Cable version (vertical installation)

Both versions are available as remote version (i.e. for use in applications/processes with heavy

vibration)



RF 3200

RF3200 Heavy Duty Version

Full, Demand, Empty Detector

- Able to withstand high mechanical stress and strong tensile force.

Shaft selectable as

- Rod version (vertical, horizontal, oblique installation)
- Cable version (vertical installation)

Both versions are available as remote versions (i.e. for use in applications/processes with heavy vibration).