

## Level limit measurement in calcium carbonate

### The challenge

Our customer requires a reliable solution to monitor the material level of his silo to avoid overflowing. A limit switch which switches off with 100% reliability when full was the customer's main priority.

### Our solution

A CAPSENSE CH4000 was used as empty sensor within the calcium carbonate material. The CH4000 with a 1000mm long shaft was installed as full level sensor safeguarding the silo against overflowing. The sensors do not have any mechanical parts. The housing is built to IP68 safety standard and the shaft is made from robust 316L stainless steel making the Capense a perfect solution for this application.



### Products



#### CH 4000

Full, Demand, Empty Detector  
Short version

- Vertical/horizontal, oblique installation
- Very short shaft length available - from 100mm
- No calibration required
- Active cost compensation



#### CH 4000

Full, Demand, Empty Detector  
Full version

- Vertical/horizontal, oblique installation
- No calibration required
- Shaft length to maximum of 3000mm
- Flexible length adjustment possible
- Active cost compensation