

Level limit measurement in calcium carbonate

The challenge

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

Our solution

A CAPANIVO CN4020 was used as empty sensor within the calcium carbonate filled silo. The CN4030 with a 1000mm long shaft was installed as full level sensor safeguarding the silo against overfilling. The sensors do not have any mechanical parts. The housing is built to IP66 safety standard and the shaft is made from robust PPS plastic thus making the Capanivo a perfect solution for this application.



Products



CN 4020

Full, Demand, Empty Detector
Short version

- Vertical, horizontal, oblique installation.
- Very short shaft length available...from 155mm.
- No calibration required.
- Active coat compensation.



CN 4030

Full, Demand, Empty Detector
Tube extension

- Vertical, horizontal, oblique installation.
- No calibration required.
- Shaft length to maximum of 3000mm.
- Flexible height adjustment available.
- Active coat compensation.