

Contents measurement in PVC granulate and chalk powder

The Challenge



Our customer is a worldwide supplier for cables and conduit systems and searched for a reliable level control in storage silos. It should be used in PVC- and chalk powder as well as PVC granulate. Due to the material attributes the atmosphere was quite dusty and rough in the 16m high silos.

Our Solution

With the sensors NIVOBOP NB3200 and NB3100 UWT Level Control could offer the customer an efficient solution. For the less dusty applications in granulates, the cable variant NB3100 of the electromechanical solder system was the perfect system. For the usage in powder the tape version NB3200 with integrated tape cleaner is the best solution. The tape cleaner prevents contamination of the mechanics compartment and guarantees a high functional reliability over the life cycle of the devices.



Products



NB 3100 Rope Version

Continuous Level Measurement

- Suitable for use in most granular and coarse bulk materials.
- Threaded or flange mounting.
- Measuring range up to 30m.
- Convenient level monitoring via Modbus interface together with price competitive NivoTec 3500/4500.



NB 3200 Tape Version

Continuous Level Measurement

- Suitable for use in most bulk materials.
- Integrated tape cleaner to remove adherent materials.
- Mounting with threaded or flange connection.
- Measuring range up to 50m.
- Convenient level monitoring via Modbus interface together with cost competitive NivoTec 3500/4500.