

## Contents measurement in grist

### The challenge



Our customer is one of the biggest suppliers of plant oil in China. He requested a continuous level control for his storage silos containing grist. The storage containers of 10 starting roof silos with each having a height of 18m. So far, the level was controlled manually by the employees. This kind of measurement is rather dangerous and also difficult in the winter.

### Our solution

The electromechanical system of level NB14000 NB4000 as tape sensor with integrated heating is the best solution for this application. The measurement signal is integrated in the plant control station which was developed and built by our distributor's experts. The measurement is supported by the PLC with the special software „Jena-Master“ as part of the control system.



### Products



#### NB 4200 Tape Version

##### Continuous Level Measurement

- Suitable for most bulk solids.
- Integrated heating element to remove frozen material.
- Mounting with threaded or flange connection.
- Measuring range up to 30m.
- Conversion level monitoring via 4-20mA signal together with Nuvon 3000.