

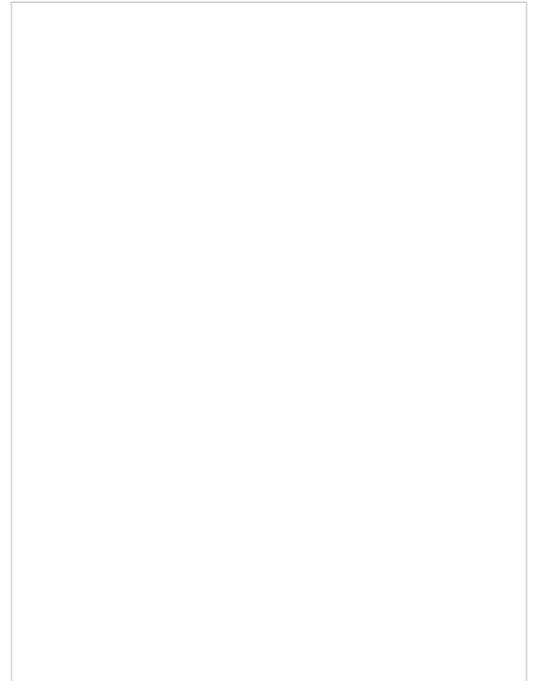
Level limit measurement in mineral fertilizer

The challenge

Our customer is one of the biggest producers of mineral fertilizers. The company searched for a reliable limit detector for the KCl concentrate, both pre and post drying stages. In the past, they had used radioisotop-sensors but this and all the other measurement principles had failed. The challenge is the high humidity especially in cold seasons, deposit build-up, no further measuring points in the basin and very aggressive steam.

Our solution

The robust design of the ROTONIVO RN3002 rotating paddle switches function well in aggressive environments. These devices are insensitive to deposit build-up and changing material attributes (the humidity before drying is 5 %, afterwards – 0,3 %) and can allow for easy installation.



Products



RN 3002 Tube Extension

Full Detector

Tube extension version

- Vertical or oblique installation.
- Protection tube ensures high mechanical load strength to the shaft.
- Flexible height adjustment.