

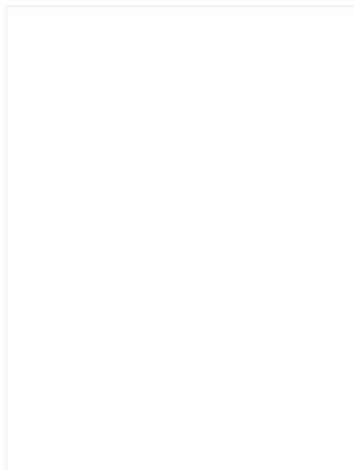
# Level limit measurement in mineral fertilizer

## 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.