

# Level limit measurement in filter dust at 100°C

## The challenge

Our required the full detection in a filter dust storage container. It was important that the measurement technology could operate in temperatures of 100°C whilst ensuring reliable sensitivity, and in addition being sufficiently resistant to various acids and gases.

## Our solution

The UWT rotating paddle detector ROTONIVO RN3000 series meets these extreme measurement requirements. This is made possible through the RN3000's high quality allowing exact measurement customised to the density of the bulk goods and optimal sealing against dust. The product contact parts are constructed from VA and can also be PFA sealed when required. With these features this series is predestined for such applications in many areas of the environmental sector.



## Products



### RN 3004 Horizontal Tube Extension

Full, Demand, Empty Detector  
Protection tube version

- Horizontal, vertical and diagonal installation.
- Extremely robust due to protection tube, able to withstand heavy mechanical load.