

Level limit measurement in a tyre production plant

The challenge

A worldwide renowned company in Mumbai, India is market leader for the production of off-highway tyre solutions. They requested full- and empty detection in the carbon black filled silos. The particular challenge within the measurement of carbon black is the high development of dust and deposit build-up. Moreover, the surface density of carbon black is quite low.

Our solution

The rotary paddle switch of series ROTONIVO RN3000 is the best solution for this application. The customer decided to have the rope version of UWT's RN3002 with an extension length of $l=1500\text{mm}$ and $l=2500\text{mm}$. Now, the full- and empty detection work reliably and precisely. The main advantages of the RN3002 is to be maintenance-free, reliable and robust



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.