

Level limit measurement in air filter plant

The challenge



A company near Moscow supplies aluminium alloys made from recycled aluminium (bins, broken aluminium, cinder from the first production). In the exit of the furnace, gases with chalk powder are cleaned which is filtered and filled in a big bag afterwards.

Our solution

The vibrating level limit switch VIBRANIVO VN4020 is the best solution for this application. It was installed in the tube of the big bag as full detector. The aggressive chalk powder cannot damage the stainless steel extension (316L) and the whole unit is absolutely dense. The process temperature starts from -40° up to $+150^{\circ}\text{C}$ which is an important attribute in the Russian market. As a result, the great cost-/performance ratio convinces all of our customers.



Products



VN 4020

Full, Demand, Empty Detector
Short version

- Vertical, horizontal and oblique installation.
- Cost competitive detector.
- Compact extension length: 170mm.
- Ideal for small process vessels and large silos.
- Able to withstand high mechanical loads due to short extension length.