

Level limit measurement in a pneumatic conveying system

The challenge

A plant operator in Florida requested the full detection in a pneumatic conveying system. The system conveys cement and quartz sand. The process pressure is 8 bar. The sensor needed to be hazardous as well as fail and reliably switching.

Our solution

The vibrating sensor VIB 4000 (Vibrite) offers a perfect cost-performance ratio and best technical attributes. It works at a process pressure of up to 10 bar and has the necessary mechanical stability due to its stainless steel housing.



Products



VIB 4000

Full, Demand, Empty Detector
Short version

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