

Full detection in Carbon Dust with VN4020

The challenge

The customer developed a system to reclaim carbon from carbon fibre panels. During the process the carbon fibre sheets were sent through a furnace where the resins are burnt off and the carbon fibre is reduced to a fine dust. This dust is then transferred to a holding hopper and then bagged.

The customer needed a level switch which could work within a very dusty environment with a fine dust which could build up.

Our solution

The customer trialed a VIBRANIVO VN4020 set at a sensitivity of 150g/l which worked well within the harsh environment and allowed the customer to have confidence that the hopper would not overflow.

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.