

RFnivo in mixture for chipboards

The challenge

Our customer in Chile produces wood chipboards and needs control in a pipe system two critical points. The rest liquid material composed with water, glue resin, oil and sawdust was very sticky keeping the probe with constant build up. The process has 50°C with turbulence and constant filling in a steel pipe of 1,5 meter.

Our solution

In this case the most suitable solution was our RFnivo serie 3200 Radio-Frequency Capacitive level sensor, with active shield able to avoid false alarm caused by the sticky material. The probe has high resistance with 300mm made of reinforced PPS and Stainless Steel, it resists up to 240°C and 25 Bar. This was the perfect solution for a complex process with different materials and environment.



Products



RF 3200

RF3200 Heavy Duty Version

Full, Demand, Empty Detector

- Able to withstand high mechanical stress and strong tensile force.

Shaft selectable as

- Rod version (vertical, horizontal, oblique installation)
- Cable version (vertical installation)

Both versions are available as remote versions (i.e. for use in applications/processes with heavy vibration).