

Level limit measurement in rubber granulate

The challenge



Our customer, a tire recycling company, needed a low-level detection in a sieve for the rubber granulates after grinding old car tires. Despite the fact that the level limit switch was exposed to vibrations it was expected to provide reliable switching signals.

Our solution

With the UWT level limit switch of the capacitive series RF3100, UWT was able to solve this application. With the simple architecture of the capacitive sensor and its reliability, an optimum outcome was achieved. Using the “push button” calibration the first setting is very easy to accomplish. Vibrations don't affect the operation of the low-level detector and it is also suitable for a long term-use.



Products



RF 3100

RF3100 Standard Version

Full, Demand, Empty Detector

Shaft is selectable as

- Rod version (vertically, horizontally and oblique installation)
- Cable version (vertical installation)

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

vibration)