

Level limit measurement in a wood pellet press

The challenge



A plant builder in the wood industry in Romania asked UWT for a reliable level control in a briquetting press. The limit switch is intended to regulate the supply of the sawdust and thus ensure material supply in the system. Sawdust has a low DK value and is relatively light. The application is dusty and requires a DustEx approval.

Our solution

The rotating paddle sensor ROTONIVO RN3001 is the solution for this application. With a larger vane area, it achieves the necessary sensitivity for the low bulk density. The response time can be reached here with a faster motor with 5U / min and a rectangular vane. The sensor is dust-tight and has all international approvals for use in dust-proof areas. The ROTONIVO is an allrounder in the wood industry.



Products



RN 3001

Full, demand, empty detector

Short version

- Vertical, horizontal and oblique installation.
- Compact boom length, from 70mm.
- Particularly suitable for small process vessels.