

Level limit measurement in animal feeds

The challenge

Our customer has an animal feed plant with expanders. Thus, the animal feed is heated within 5 sec from 100°C up to 120°C. Afterwards, the animal feed is pressed and cooled. Thus, bacteria, salmonella and mold are killed but at the same time nutrients and agents are not damaged. In the end, the animal feed is easy to digest. The main challenge of this application is the corrosion resulting from the aggressive site.

Our solution

The rotating paddle switches of series PFD3000/PFD300 are particularly suited for the application in expanders. Our PFD300 is also available with stainless steel version 1.4571 (DIN) and roller bearing.



Products



PFD 3000

Fall, demand, empty detector
Direct version

- Vertical, horizontal and oblique installation
- Compact design, length, from 100mm
- Paddles suitable for small process vessels