

Limit switch for very light EPS/EPP balls

The challenge



At a manufacturer of foamed moldings for various industries a very high sensitivity for the level limit sensors was required, to detect the very light EPS and EPP balls. The task was to solve a full-, demand- and empty detection with high reliability. The storage silos are textil silos. The sensors are adapted with flanges. The density is lower than 20g/l and the DK-value lower than 1,5.

Our solution

With the rotating paddle switch Rotonivo RN3001 this 3 applications are solved. The sensitivity starts from 15g/l with a rubber vane size of 98x250mm and a density setting at the electronic to "light". Also the low DK-value and the electrostatic charge are no problem for the sensitive and robust paddle switch.



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.