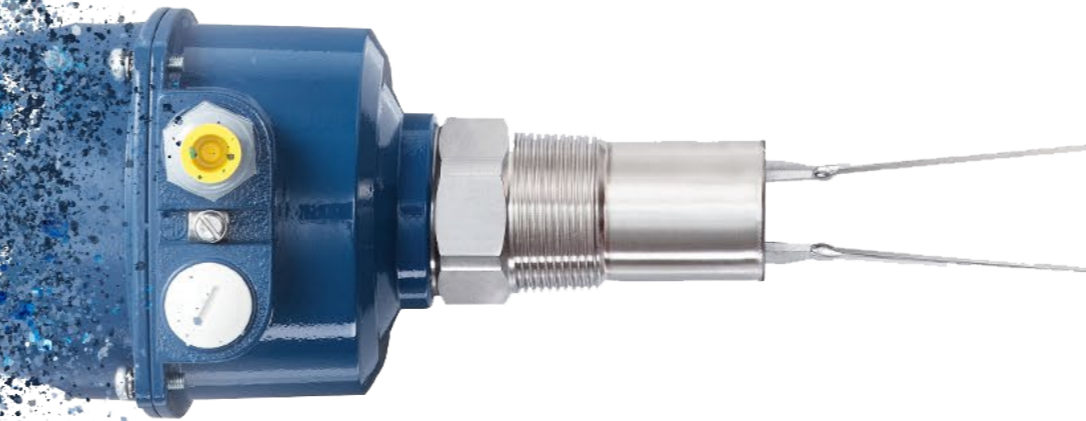




Your partner for level measurement in solids & liquids



Vibranivo® - VN2000 Series | Vibration Level Switch
Level Limit Measure In Sticky Baking Soda

The Vibranivo® - vibrating fork for point level measurement, with its robust stainless steel extension and high sensitivity, is widely used in storage silos and process vessels. The Vibranivo® vibration level switch is robust, easy to operate and can, via its series range, be precisely configured for each application. Electronically stimulated piezos cause the fork to vibrate. As soon as the sensor is covered with material, the vibration is dampened and the resulting electrical current change causes the output signal to switch. Once the material level falls below the sensor, it is free to vibrate again and the output signal is reset.

International approvals for use in hazardous locations (gas and dust).

The Challenge

Our customer from Germany required to measure the level in storage silos. However, the product, baking soda, was extremely dusty, light and caked easily. The challenge was to provide precise measurement under such conditions.

Our Solution

UWT's vibrating fork probe VIBRANIVO VN2000 meets these high measurement requirements. It's extremely robust stainless steel extension arm and the electro polishing of all contact parts ensure a constantly reliable measurement even in such difficult applications. The customer installed an additional air purge to clean the sensor at certain intervals.

Optimal Product Solution

- VN2030
Full, Demand, Empty Detector
Tube extension version
- Vertical, horizontal and oblique installation
 - Shaft length up to 4000 mm available
 - Flexible height adjustment
 - High sensitivity from 5 g/l





Vibranivo®

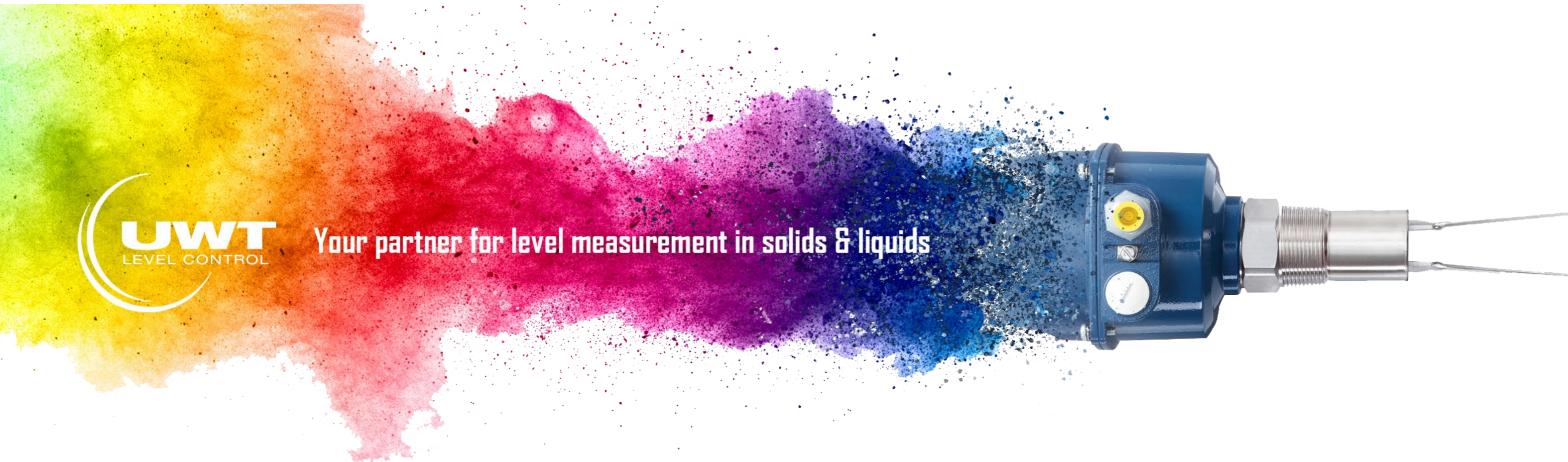
Vibration Fork Point Level Switch



[Vibrating fork series for process solutions in different industries](#)



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Find the right level control product for your application

FIND PRODUCT

Choose type of recording

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Choose type of medium

Application Area

The vibrating fork Vibranivo® VN 2030 is used in storage and process vessels as a full, demand, and empty detector in many dry and free flowing bulk solids. Due to its high sensitivity, the probe is particularly suitable for use in very light bulk solids. The high surface quality of the stainless steel probe also makes it ideal for use in applications with hygienic requirements.

Your Benefit

- Maintenance-free sensor for use in many bulk materials. Particularly suitable for very light bulk solids
- Probe extension adjustable up to 4000 mm length
- Plug and play level limit switch without calibration

