

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

Vibranivo® 1000 / 5000

VIBRATING FORK LEVEL SWITCH

Vibranivo® probes are especially suited for use in all solids which are conveyed or stored under extreme conditions as well as for interface measurement. The short fork design allows mounting in containers with very limited space.



Vibranivo® 1000 / 5000



- Modular and simple design
- For applications with high mechanical loading
- Particularly suitable for interface measurement
- Absolutely maintenance free

Types of Vibranivo demand, full and empty detectors

VN ..020
Short, vertical, horizontal and oblique installation



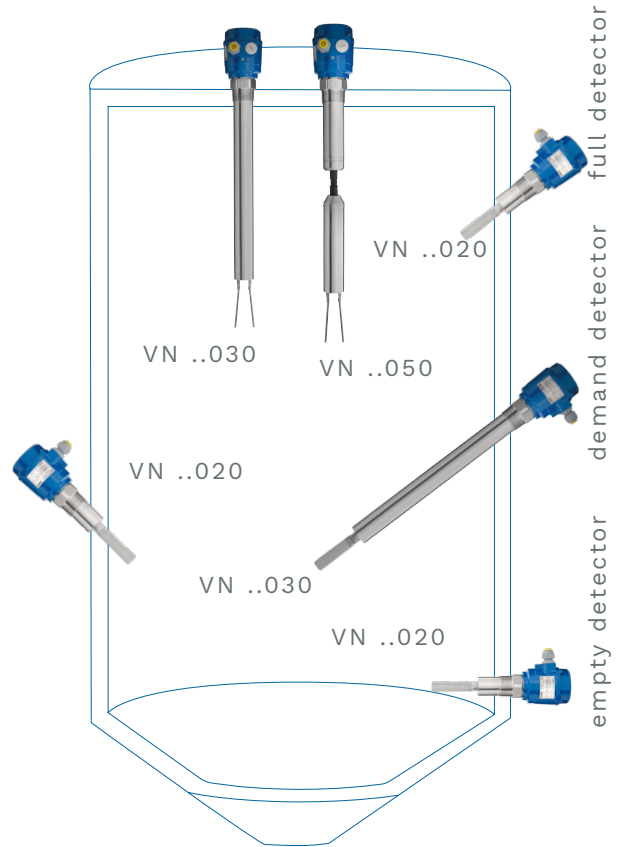
VN ..030
Pipe, vertical and oblique installation



VN ..040
Delivery with-out pipe extension (reduced shipping costs, flexible length), vertical and oblique installation



VN ..050
Cable, vertical installation up to 7 m measuring range



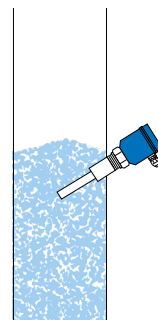
| TECHNICAL DATA | |
|----------------------------------|--|
| Housing | Aluminium IP66 / NEMA Type 4X |
| Pressure range | -1 .. +16 bar (-14.5 .. +145 psi) |
| Supply voltage/ Signal output | Relay SPDT 19..230 V AC, 19..55 V DC Relay DPDT 19..230 V AC, 19..36 V / 55 V DC PNP 18..50 V DC 3-wire 2-wire without contact 19..230 V AC/DC 8/16 mA; 4-20 mA 12,5-30/36 V DC 2-wire |
| Versions with certificates | ATEX, IEC-Ex, FM / CSA, TR-CU, INMETRO, CCC-Ex, KCs (Dust explosion-proof, Flameproof, Intrinsically safe, Increased safety) |
| Process temperature | -40 °C .. +150 °C (-40 °F .. + 302 °F) |
| Sensitivity | From 50 g/l (3 lb/ft ³) adjustable in 2 steps |
| Process connection | R 1½" conical; NPT 1½"; various flanges available |
| Vibration fork/ extension | Stainless steel 1.4301 (SS304) or 1.4404 (SS316L) various lengths available |

Housing types



Use in limited spaces

Mounting in downpipe as back up switch



Mounting in loading bellow as full detector

