

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



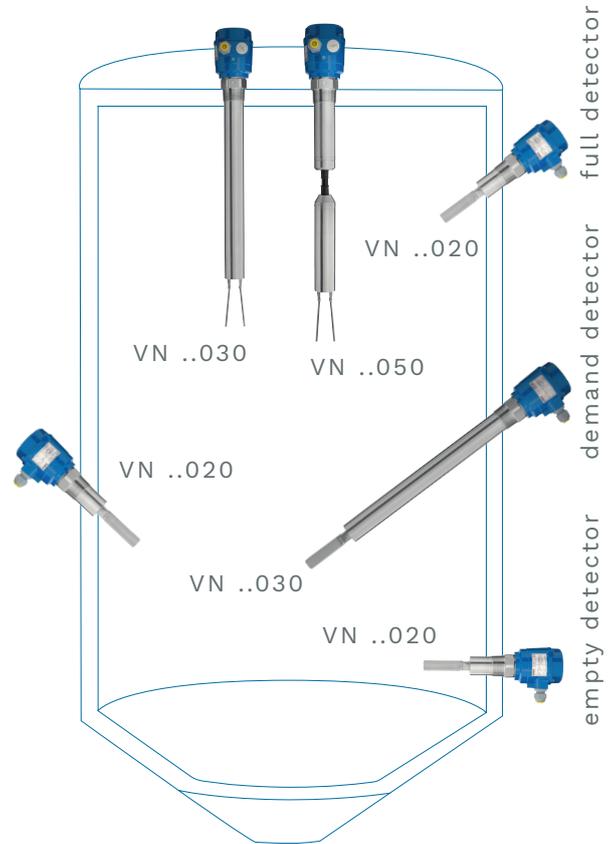
VN ..030
Pipe, vertical and oblique installation



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



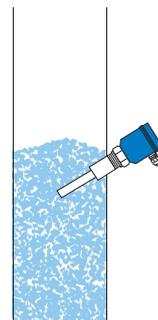
Housing types

VN 1000 Standard VN 5000 Standard VN 5000 Flameproof VN 5000 Flameproof, Intrinsically safe

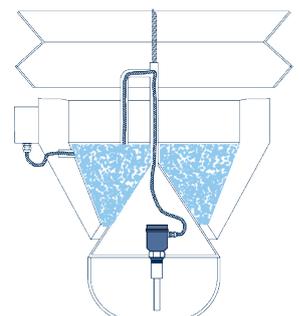


Use in limited spaces

Mounting in downpipe as back up switch



Mounting in loading bellow as full detector



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, UKEX, 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