

Vibranivo[®] 6000



Vibration level limit switch

The universal unit for reliable level monitoring of granulated and powdered bulk goods – versatile, especially for light media, for use in Hazardous Locations (gas and dust)



Vibranivo® 6000



- modular and simple design
- for nearly all bulk goods
- absolutely maintenance-free

Use: The Vibranivo® 6000 can be used as a full, demand or empty detector in bulk good silos depending on needs. It is especially suited for use in all fine-grain and powdered materials, even very light materials from 5g/l are detected without any problem. Certified for Hazardous Locations (gas and dust).



Aluminium housing, standard design



Aluminium housing, flameproof design with increased safety



Aluminium housing, flameproof design

VN 6020

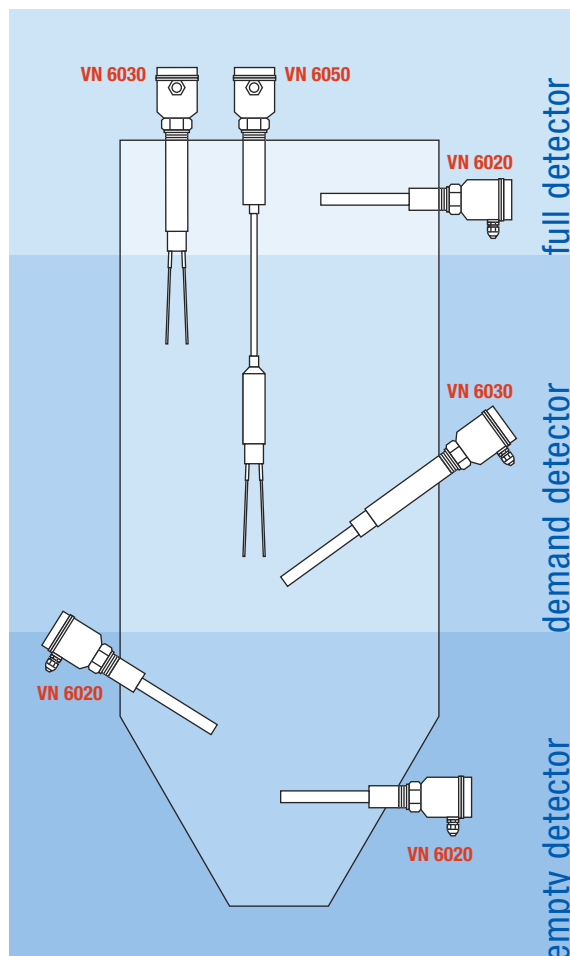
Full, demand, empty detector
standard design, vertical, horizontal and oblique installation

VN 6030

Full, demand, empty detector
design with extension „tube“, vertical and oblique installation

VN 6050

Full, demand, empty detector
design with extension „cable“, vertical installation up to 20 meters



Technical Data

Housing	Aluminium IP 66, NEMA 4X, Type 4X
Certificates	for Hazardous Locations (gas and dust): ATEX II 1/2D and II 1G FM Cl. I, II, III Div. 1 Gr. A-G; Zone 0 CSA Cl. I, II, III Div. 1 Gr. A-G; Zone 0
Process-temperature	-40°C up to +150°C
Pressure	max. +10bar
Sensitivity	from 5g/l – adjustable in 2 steps
Mains voltage	19-253V AC, 19-60V DC relay 18-50V DC PNP 19-253V AC/DC 2-wire NAMUR IEC 60947-5-6 2-wire
Process-connection	R1½ inches conical NPT1½ inches
Oscillator	stainless steel 1.4301/SS304 or 1.4571/SS316

