



# Vibranivo<sup>®</sup> 4000

## Vibration level limit switch

The economic solution for reliable level monitoring of bulk goods.  
Versatile and maintenance-free. Certified for hazardous Locations (dust).



# Vibranivo® 4000



- Sensational price-performance ratio
- Wide range of applications
- Maintenance-free

**Application:** Depending on the requirements, the Vibranivo® 4000 can be used as a full, demand or empty detector in bulk good silos. It is suitable for use in all fine grained and powdered materials that do not tend to form heavy deposits.

## VN 4020

**Full, demand, empty detector**  
Installation vertical, horizontal and oblique, also in limited spaces (e.g. downpipes)

(CE/ATEX/  
IEC-Ex/GOST)



(FM/CSA)



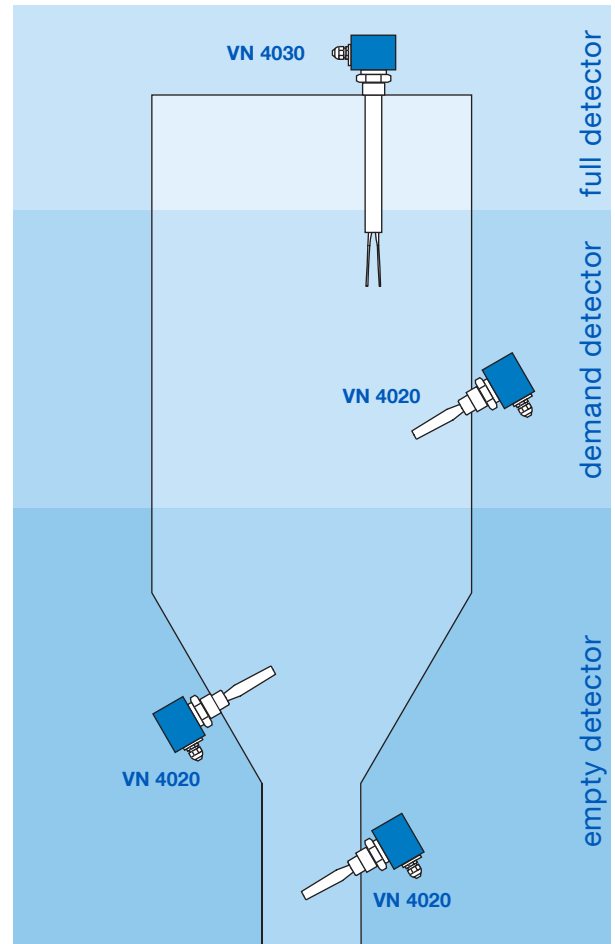
## VN 4030

**Full, demand, empty detector**  
Design with extension tube, vertical installation, sliding sleeve option

(CE/ATEX/  
IEC-Ex/GOST)



(FM/CSA)



## Technical Data

<b>Housing</b>	Aluminium IP 66 2 sizes available
<b>Certificates</b>	Hazardous Locations (dust) ATEX II 1/2D; FM/ CSA Cl. II, III Div. 1 IEC Ex, GOST Ex, RTN Ex
<b>Process temperature</b>	-40°C up to +150°C (-40°F bis +302°F)
<b>Pressure</b>	Max. 16bar (145psi)
<b>Sensitivity</b>	Adjustable in 2 settings: 30g/l (3.8lb/ft³) or 150g/l (9.5lb/ft³)
<b>Supply voltage</b>	19-230V AC, 19-50V DC relay, 18-50V DC PNP 3-wire
<b>Process connection</b>	R1½ inch conical, NPT 1½ inch or NPT 1¼ inch conical ANSI B 1.20.1
<b>Oscillator</b>	Stainless steel 1.4581 (316)