

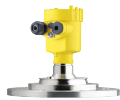


## Alumina powder silo

- Reliable
- Reliable content measurement of alumina
- Cost effective
- Maintenance-free operation
- User friendly
- Simple mounting and setup

### Level measurement and point level detection in alumina powder silos

The alumina powder is kept ready in storage and day silos for subsequent smelting. Aluminium smelting is carried out in the fused salt electrolysis process, where pure liquid aluminium is extracted from aluminium oxide. Optimal storage is ensured by level measurement and point level detection.



### VEGAPULS 69

Non-contact level measurement with radar in storage silos

- Reliable measurement, unaffected by dust
- Easy sensor alignment via aiming flange and alignment app for smartphone
- Maintenance-free operation thanks to encapsulated antenna system



### VEGAWAVE 62

Vibrating level switch as overfill protection in storage silos

- Reliable function through product-independent switching point
- Immune to buildup
- Simple setup without adjustment



VEGAPULS 69	VEGAWAVE 62
Measuring range - Distance 120 m	Process temperature -40 ... 150 °C
Process temperature -40 ... 200 °C	Process pressure -1 ... 6 bar
Process pressure -1 ... 20 bar	Version Detection of solids in water Suspension cable
Accuracy ± 5 mm / ± 0.2"	Materials, wetted parts 316L FEP PUR
Frequency 80 GHz	Threaded connection ≥ G1½, ≥ 1½ NPT
Beam angle ≥ 3,5°	Flange connection ≥ DN50, ≥ 2"
Version with plastic horn antenna ø 80 mm Metal jacketed lens antenna	Seal material CR, CSM
Materials, wetted parts 316L PP PEEK	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Threaded connection G1½, 1½ NPT	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
Flange connection ≥ DN80, ≥ 3"	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire NAMUR