



Raw meal silo

Reliable

Reliable measurement ensures a continuous supply of raw material

Cost effective

Optimal stocks ensure continuous production

User friendly

Maintenance-free operation

Level measurement and point level detection in raw meal silos

Before being burned in the rotary kiln, the material from the blending bed and the aggregates are ground to a fine raw meal in large mills. The powdery material is then transported to the silo by a pneumatic conveyor system. Reliable monitoring of the level is essential for optimal raw material storage.



VEGAPULS 69

Level measurement with radar in raw meal silos

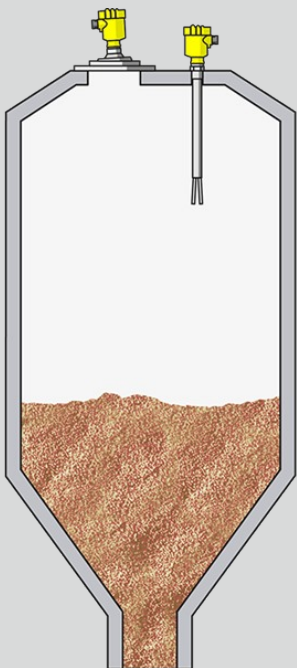
- Reliable measurement, unaffected by dust and buildup
- Maintenance-free operation thanks to encapsulated antenna system
- High plant availability, because wear and maintenance-free



VEGAWAVE 63

Vibrating level switch as overflow protection in raw meal silos

- Reliable product-independent switching point
- Long service life thanks to robust sensor construction
- Simple setup without adjustment





VEGAPULS 69	VEGAWAVE 63
Measuring range - Distance 120 m	Process temperature -50 ... 250 °C
Process temperature -40 ... 200 °C	Process pressure -1 ... 25 bar
Process pressure -1 ... 20 bar	Version Detection of solids in water with tube extension with temperature adapter
Accuracy ± 5 mm / ± 0.2"	Materials, wetted parts 316L
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	Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852
Materials, wetted parts 316L PP PEEK	Seal material no media contact
Threaded connection G1½, 1½ NPT	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Flange connection ≥ DN80, ≥ 3"	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)