



#### Reliable

Reliable measurement ensures a continuous supply of raw material

#### Cost effective

Optimal stocks ensure continuous production

#### User friendly

Maintenance-free operation

## Raw meal silo

### 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.

[More details](#)



#### VEGAPULS 6X

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

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#### 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

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## VEGAPULS 6X

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**Measuring range - Distance**  
120 m

**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 160 bar

**Accuracy**  
± 1 mm

**Frequency**  
6 GHz  
26 GHz  
80 GHz

**Beam angle**  
≥ 3°

**Materials, wetted parts**  
PTFE  
PVDF  
316L  
PP  
PEEK

**Threaded connection**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN20, ≥ ¾"

**Hygienic fittings**  
Clamp ≥ 1½" - DIN32676, ISO2852  
Slotted nut ≥ 2", DN50 - DIN 11851  
Varivent ≥ DN25  
hygienic fitting with tension flange DN32  
hygienic fitting F40 with compression nut  
Hygienic screw connections ≥ DN50 tube ø53 -  
DIN11864-1-A  
Hygienic flange connection ≥ DN50 DIN11864-2  
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-  
3-A  
DRD connection ø 65 mm  
SMS 1145 DN51

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## VEGAWAVE 63

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**Measuring range - Distance**  
-

**Process temperature**  
-50 ... 250 °C

**Process pressure**  
-1 ... 25 bar

**Version**  
Detection of solids in water  
with tube extension  
with temperature adapter

**Materials, wetted parts**  
316L

**Threaded connection**  
≥ G1½, ≥ 1½ NPT

**Flange connection**  
≥ DN50, ≥ 2"

**Hygienic fittings**  
Clamp ≥ 2", DN50 - DIN32676, ISO2852

**Seal material**  
no media contact

**Housing material**  
Plastic  
Aluminium  
Stainless steel (precision casting)  
Stainless steel (electropolished)