



#### 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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PRO

**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

PRO

**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)

**VEGA**