



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
[Show Product](#)

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

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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