



#### 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	PRO
<b>VEGAPULS 6X</b> <a href="#">Show Product</a>	<b>VEGAWAVE 63</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> 120 m	<b>Measuring range - Distance</b> -
<b>Process temperature</b> -196 ... 450 °C	<b>Process temperature</b> -50 ... 250 °C
<b>Process pressure</b> -1 ... 160 bar	<b>Process pressure</b> -1 ... 25 bar
<b>Accuracy</b> ± 1 mm	<b>Version</b> Detection of solids in water with tube extension with temperature adapter
<b>Frequency</b> 6 GHz 26 GHz 80 GHz	<b>Materials, wetted parts</b> 316L
<b>Beam angle</b> ≥ 3°	<b>Threaded connection</b> ≥ G1½, ≥ 1½ NPT
<b>Materials, wetted parts</b> PTFE PVDF 316L PP PEEK	<b>Flange connection</b> ≥ DN50, ≥ 2"
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Hygienic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852
<b>Flange connection</b> ≥ DN20, ≥ ¾"	<b>Seal material</b> no media contact
<b>Hygienic fittings</b> 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	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)