



#### Reliable

Highly dependable and accurate level measurement, even during filling

#### Cost effective

By optimising silo volumes, it results in better utilization of production capacity

#### User friendly

Simple mounting, installation from top

## Storage silo for wood pellets

### Level measurement and point level detection in a corrugated metal silo

The finished pellets are stored ready for delivery in corrugated metal silos up to and over 30 m high. Larger storage volumes allow the supplier to better respond to the increased demand during the heating season and utilize the production equipment continuously throughout the year. For optimal planning of material logistics, a reliable measurement of silo contents is a must.

[More details](#)



#### VEGAPULS 6X

Non-contact level measurement with radar in the pellet silo.

- Wear-free thanks to non-contact measurement
- Easy mounting and setup due to top installation
- Good focusing of the radar beam enables sure measurement even during filling and with corrugated walls

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#### VEGAVIB 63

Point level detection with vibrating level switch in the storage silo

- Reliable level signal under all operating conditions
- Wear and maintenance-free
- Easy to install and adjustment-free

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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

PRO

## VEGAVIB 63

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

**Process pressure**  
-1 ... 16 bar

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

**Materials, wetted parts**  
316L

**Threaded connection**  
≥ G1, ≥ 1 NPT

**Flange connection**  
≥ DN 32, ≥ 1½"

**Hygienic fittings**  
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851  
Slotted nut ≥ 2", DN50 - DIN 11851  
Varivent ≥ DN32  
hygienic fitting with tension flange DN32  
hygienic fitting F40 with compression nut  
Hygienic screw connections ≥ DN50 tube ø53 -  
DIN11864-1-A  
Clamp ≥ 3½" , DN80 - DIN32676, ISO2852  
Slotted nut ≥ 3", DN65 - DIN 11851  
Hyg. collar clamp adapter DN40PN40 DIN11864-3-A

**Seal material**  
no media contact

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

**Protection rating**  
IP66/IP68 (0,2 bar)  
IP66/IP67  
IP66/IP68 (1 bar)