



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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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

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)