



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

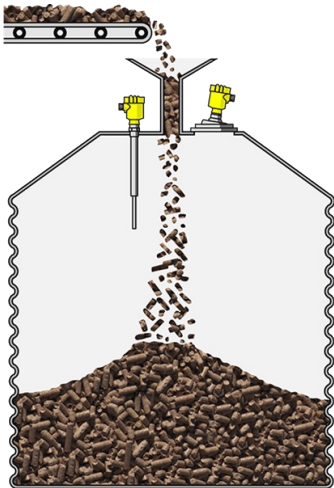
Simple mounting, installation from top

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

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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)