Reliable

Highly dependable and accurate level measurement, even during filling

Cost effective

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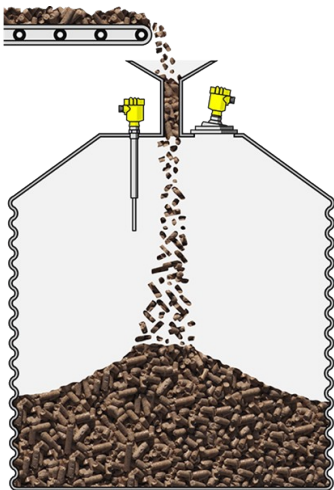
User friendly

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

Show Product

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

Show Product

VEGAPULS 6X

VEGAVIB 63

VEGAPULS 6X	VEGAVIB 63
Measuring range - Distance 120 m	**Process temperature** -50 ... 250 °C
Process temperature -196 ... 450 °C	**Process pressure** -1 ... 16 bar
Process pressure -1 ... 160 bar	**Version** Detection of solids in water with tube extension
Accuracy ± 1 mm	**Materials, wetted parts** 316L
Frequency 6 GHz 26 GHz 80 GHz	**Threaded connection** ≥ G1, ≥ 1 NPT
Beam angle ≥ 3°	**Flange connection** ≥ DN 32, ≥ 1½"
Materials, wetted parts PTFE PVDF 316L PP PEEK	**Hygenic 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
Threaded connection ≥ G¾, ≥ ¾ NPT	**Seal material** no media contact
Flange connection ≥ DN20, ≥ ¾"	**Housing material** Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Hygenic 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 Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51	**Protection rating** IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)