



Reliable

Reliable continuous measurement, even during filling

Cost effective

Optimal container volume utilization

User friendly

Volume display and sensor adjustment in a convenient location

Wood chip silo

Wood chip silo level measurement

The wood chips are transferred via conveyor belts to storage silos up to 25 m high and stored there temporarily for further processing. The silos are filled and emptied in batches. During the process, large amounts of dust are generated, material cones and bridges form, which collapse during emptying. Reliable level measurement is needed here to ensure supplies for downstream processes and facilitate logistics planning.

[More details](#)



VEGAPULS 6X

Level measurement with radar in the wood chip silo

- Reliable function despite heavy dust from dry wood chips
- Precise alignment with the angle of repose by means of swivelling holder
- With a tightly focused measurement signal, it is unaffected by vessel internals

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VEGADIS 81

Measured value display and sensor adjustment

- Measured value display and sensor adjustment in a readily accessible location
- Easy-to-read display with plain text and graphics
- Simple operation via four keys and clearly structured menu

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Measuring range - Distance 120 m	Housing material Plastic Aluminium Stainless steel (precision casting)
Process temperature -196 ... 450 °C	Protection rating IP66/IP67
Process pressure -1 ... 160 bar	Ambient temperature -20 ... 70 °C
Accuracy ± 1 mm	Signal input (specify) plics sensor (serial)
Frequency 6 GHz 26 GHz 80 GHz	Signal output (specify) Display
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 Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51	