Reliable

Reliable readings in spite of difficult measuring conditions

Cost effective

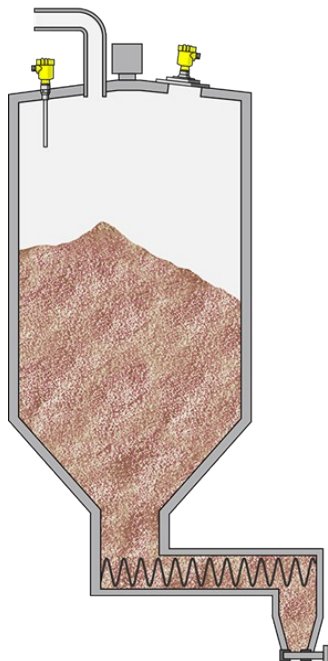Maintenance costs removed by air cleaning of antenna

User friendly

One radar sensor for all silo sizes, simple to install

Ash silo

Level measurement and point level detection in the ash silo

Large quantities of fibre waste are produced during paper production. These are dried and burned and the energy released during combustion is used as process heat or to generate electricity. The ash is stored in high silos to be later used as an additive in the building materials industry. When the ash silo is filled, a great amount of noise and dust is generated and the material forms large angles of repose and overhangs. Filling, emptying and transportation logistics are controlled through the level measurement system.

More details

VEGAPULS 6X

Radar level measurement for controlling the filling and emptying process in the ash silo

- Reliable measurement under difficult process conditions
- Easy alignment of the sensor with swivel mount and sensor app
- Good focusing allows retrofitting of sensor at any position

Show Product

VEGACAP 64

Capacitive point level detection for overfill protection

- Reliable switching signals even under difficult process conditions
- Function unaffected by buildup
- Long service life thanks to robust construction

Show Product

VEGA HOME OF VALUES

PRO	PRO
VEGAPULS 6X Show Product	**VEGACAP 64** Show Product
Measuring range - Distance 120 m	**Measuring range - Distance** -
Process temperature -196 ... 450 °C	**Process temperature** -50 ... 200 °C
Process pressure -1 ... 160 bar	**Process pressure** -1 ... 64 bar
Accuracy ± 1 mm	**Version** PTFE insulation
Frequency 6 GHz 26 GHz 80 GHz	**Materials, wetted parts** PTFE 316L Alloy C22 (2.4602) Steel C22.8
Beam angle ≥ 3°	**Threaded connection** ≥ G¾, ≥ ¾ NPT
Materials, wetted parts PTFE PVDF 316L PP PEEK	**Flange connection** ≥ DN25, ≥ 1"
	Seal material no media contact
Threaded connection ≥ G¾, ≥ ¾ NPT	**Housing material** Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Flange connection ≥ DN20, ≥ ¾"	**Protection rating** IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
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	