

Reliable

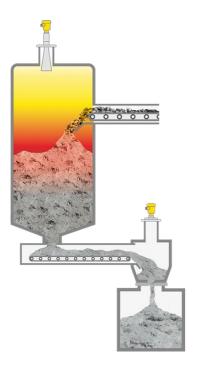
Reliable backup detection in the chute

Cost effective

Optimal utilization of the ash container volume

User friendly

Low maintenance requirements thanks to non-contact measurement



Pyrolysis chamber and ash container

Level measurement in the pyrolysis chamber and in the ash discharger

Waste incineration converts domestic and commercial waste into combustible gases and ash. Pyrolysis is carried out in the absence of air at temperatures up to 500 °C. The intermediate product, charcoal, is then further burned by adding air. Ash and synthesis gas with high thermal content are the end products. For continuous operation, the vessel must be loaded and emptied automatically. To this end, the level of material in the pyrolysis chamber and in the ash pan has to be measured.

More details



VEGAPULS 6X

Level measurement with radar in the pyrolysis chamber and ash container

- Reliable measurement, even with high temperatures and poorly reflecting medium
- Unaffected by dust, smoke and other harsh environmental conditions
- Maintenance-free thanks to non-contact level measurement
- Integrated air-purge connection for automated cleaning

Show Product



PRO	
VEGAPULS 6X Show Product	
Process tempo	erature
Process press	sure
Accuracy ± 1 mm	
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wett PTFE PVDF 316L PP PEEK	ed parts
Threaded con ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN20, ≥ ¾"	
1	DIN32676, ISO2852 , DN50 - DIN 11851
hygienic fitting v hygienic fitting F Hygienic screw DIN11864-1-A Hygienice flang	vith tension flange DN32 ⁵ 40 with compression nut connections ≥ DN50 tube ø53 - e connection ≥ DN50 DIN11864-2 connection ≥ DN50 pipe Ø53 - DIN11864- n ø 65 mm

