

#### Reliable

Reliable measurement ensures optimal process flow

### Cost effective

Maintenance-free measurement despite high temperatures

User friendly Simple mounting and setup

# Sintering plant

## Level measurement in the sintering plant

After sintering, the hot material is cooled down to a temperature of about 150 °C in the sintering cooler. The feed rate of the sintering belt is controlled to ensure that the material is thrown off at the end of the sintering belt. To achieve effective cooling, the thickness of the material on the sintering belt has to be continuously and precisely measured.

#### More details

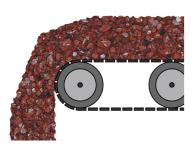


## **VEGAPULS 6X**

Non-contact radar level measurement on the sintering belt

- Reliable measurement, independent of temperature changes
- Wear and maintenance-free for high plant availability
- Easy antenna cleaning via purging air connection

**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 <sup>5</sup> 40 with compression nut connections ≥ DN50 tube ø53 - e connection ≥ DN50 DIN11864-2 connection ≥ DN50 pipe Ø53 - DIN11864- n ø 65 mm

