



## Sintering plant

### Reliable

Reliable measurement ensures optimal process flow

### Cost effective

Maintenance-free measurement despite high temperatures

### User friendly

Simple mounting and setup

### Level measurement in the sintering plant

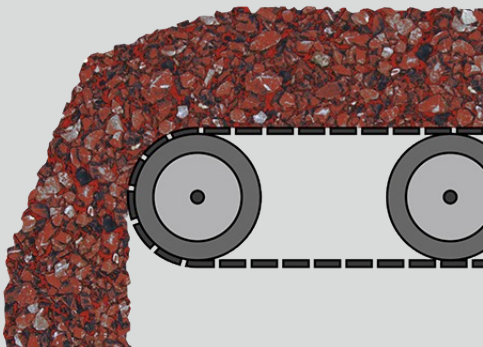
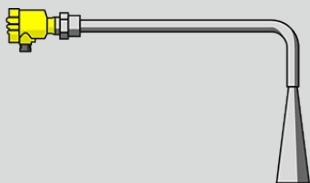
After sintering, the hot material is cooled down to a temperature of about 150 °C in the sintering cooler. The feed rate of the sintering belt is controlled to ensure that the material is thrown off at the end of the sintering belt. To achieve effective cooling, the thickness of the material on the sintering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



### VEGAPULS 68

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





## VEGAPULS 68

### Measuring range - Distance

75 m

### Process temperature

-196 ... 450 °C

### Process pressure

-1 ... 160 bar

### Accuracy

± 2 mm

### Frequency

26 GHz

### Beam angle

≥ 3°

### Version

for separate horn antenna  
with horn antenna ø 40 mm  
with horn antenna ø 48 mm  
with horn antenna ø 75 mm  
with horn antenna ø 95 mm  
with parabolic antenna ø 245 mm

### Materials, wetted parts

316L  
Alloy C22 (2.4602)  
1.4848

### Threaded connection

≥ G1½, ≥ 1½ NPT

### Flange connection

≥ DN50, ≥ 2"