

#### Reliable

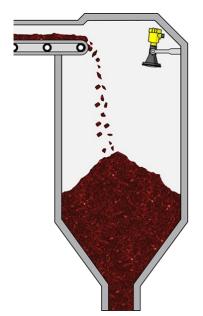
Reliable measurement despite heavy soiling

#### **Cost effective**

Maintenance-free operation thanks to noncontact instrumentation

#### **User friendly**

Secure operation under all operating conditions



# Discharge chute of the belt dryer

## Level measurement in the discharge chute of the belt dryer

The final, still wet pigment cake is heated on a belt dryer. At the end of the belt dryer, the dried coarse pigment powder is discharged into a silo ready for final milling and grinding into a fine powder. The feed through the belt dryer is controlled both by the flow through the chute and level in the silo.

#### More details



#### **VEGAPULS 6X**

Non-contact level measurement with radar for controlling the belt dryer

- Reliable measurement independent of steam, dust and buildup
- Encapsulated antenna system enables operation even in highly contaminated environment
- Simple installation even in the tightest spaces thanks to very good signal focusing

**Show Product** 



## **VEGAPULS 6X**

#### **Show Product**



#### Measuring range - Distance

120 m

#### Process temperature

-196 ... 450 °C

#### Process pressure

-1 ... 160 bar

## Accuracy

± 1 mm

## Frequency

6 GHz

26 GHz

80 GHz

## Beam angle

≥ 3°

## Materials, wetted parts

PTFE

PVDF

316L PP

PEEK

## Threaded connection

≥ G¾, ≥ ¾ NPT

#### Flange connection

≥ DN20, ≥ ¾"

## 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  $\geq$  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

