

Reliable

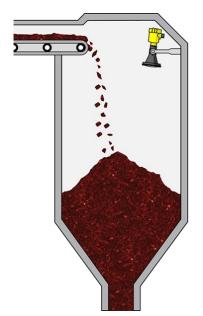
Reliable measurement despite heavy soiling

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

