



Reliable

Reliable function under all operating conditions

Cost effective

Simple installation on existing infrastructure

User friendly

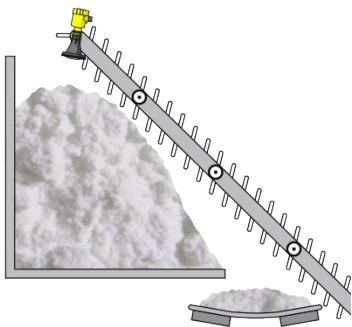
Maintenance-free operation

Wet gypsum storage hall II

Height measurement on the gypsum scraper

The stored gypsum is pushed onto a conveyor belt with a scraper arm which is then conveyed out for loading and onward transportation. The radar sensor measures the height of the gypsum stockpile, and in turn is controlling the position of the gypsum scraper to optimise the gypsum loading and shipments.

[More details](#)



VEGAPULS 6X

The non-contact radar sensor controls the position of the gypsum scraper

- High plant availability from a wear and maintenance-free level sensor
- Unaffected by steam, dust and noise
- Approvals according to dust-Ex and SIL2

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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"

Hygienic 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 ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51