



Reliable

Reliable function under all operating conditions

Cost effective

Simple installation on existing infrastructure

User friendly

Maintenance-free operation

Wet gypsum storage hall I

Level measurement in the wet gypsum storage hall

The gypsum extracted from the exhaust gases in the flue gas desulphurisation unit is stored in the wet gypsum storage hall ready for further transport. Level sensors are needed to determine the stockpile height of the gypsum and quantity of the stock to optimise transportation management.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in the wet gypsum storage hall

- High plant availability thanks to wear and maintenance-free measuring instrument
- 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