



Reliable

Reliable function, even during discharge/filling

Cost effective

Simple installation onto the existing infrastructure

User friendly

Maintenance-free operation

Reversing conveyor

Level measurement in the discharge area of the gypsum conveyor

The gypsum extracted from the exhaust gases in the flue gas desulphurisation unit is transported by conveyor belts to the wet gypsum storage hall. The stockpile loading is carried out by a reversing conveyor, which is able to, when a desired filling height is reached, traverse forward or back to another discharge position. For safety reasons, there are two redundant radar sensors at the end of the reverse conveyor belt to monitor the stockpile filling height during discharge.

[More details](#)



VEGAPULS 6X

The radar sensors monitor the filling height of the stockpile and control the movement and position of the reversing conveyor

- High plant availability with wear and maintenance-free measuring instrument
- Unaffected by condensation, dust and noise
- Approvals according to dust-Ex and SIL2

[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"

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