



Reliable

Reliable function, even with a turbulent product surface

Cost effective

Economical solution without capillary tubes

User friendly

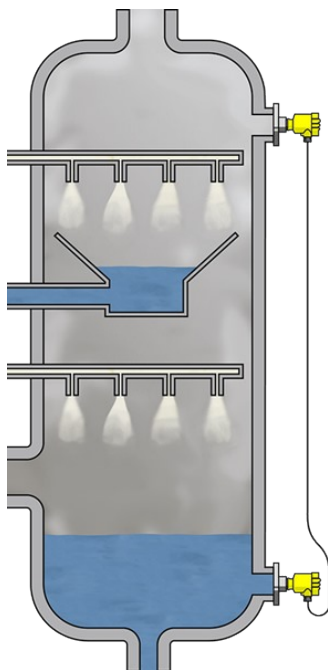
Front-flush mounting avoids buildup and enables a maintenance-free measurement

Flue gas scrubber

Level measurement in the flue gas scrubber

Flue gas from waste incineration must be cleaned before it is released into the environment. Flue gas scrubbers do this by removing acidic gas components such as sulphur dioxide. Lime water is used as the washing solution and it is sprayed in against the flow of the gas. The lime deposits filtered out of the washing water are used as gypsum, e.g. for the production of plasterboard. To ensure a continuous scrubbing process, a constant level in the scrubbing tower is required.

[More details](#)



VEGABAR 82

Level measurement via electronic differential pressure in the scrubbing tower

- Reliable function under difficult process conditions
- Measurement ensures continuous operation
- Easy installation with no capillary lines

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VEGABAR 82

[Show Product](#)**Measuring range - Distance**

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Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF
 316L
 Alloy C22 (2.4602)
 PP
 1.4057
 1.4410
 Alloy C276 (2.4819)
 Duplex (1.4462)
 Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852
 Slotted nut ≥ DN25 - DIN 11851
 hygienic fitting with tension flange DN32
 hygienic fitting F40 with compression nut
 DRD connection ø 65 mm
 SMS 1145 DN51
 SMS DN38
 Swagelok VCR screwing
 Varivent G125
 Varivent N50-40
 for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM
 FKM
 FFKM