



Reliable

Reliable measurement in highly corrosive media

Cost effective

Special high-resistance steel construction for long operational life

User friendly

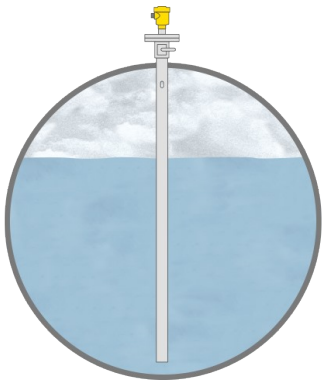
Safe operation under all operating conditions

Pool condenser

Level measurement in the pool condenser

In a pool condenser, ammonium carbamate is produced from a mixture of carbon dioxide and ammonia under high pressure. The ammonium carbamate, in turn, is the starting material for the subsequent main reaction in the production of urea. To ensure safe operation of this high-pressure application, a continuous, dependable level measurement solution is needed.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in a standpipe

- Special Safurex® steel for corrosion resistance in highly aggressive media
- Reliable measurement independent of difficult process conditions
- Suitable for high pressure applications up to 160 bar

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VEGAPULS 6X
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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