



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Easy cleaning without dismantling

User friendly

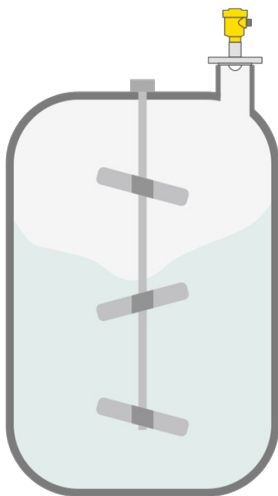
Simple installation and commissioning

Reaction vessel for creatine production

Level measurement in the reaction vessel

Creatine is a naturally occurring substance in the body, but it is also produced synthetically. The ingredients are filled into an agitated reaction vessel. Mixing the ingredients generates an exothermic reaction during which the creatine is separated out. Continuous level monitoring ensures a reliable reaction process in the vessel.

[More details](#)



VEGAPULS 6X

Level measurement with radar in the reaction vessel during creatine production

- Reliable measurement down to bottom of the vessel through good focusing with 80 GHz technology
- Unaffected by agitator thanks to false echo suppression
- Stable measurement even with vortex formation

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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