



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Easy cleaning of the vessel

User friendly

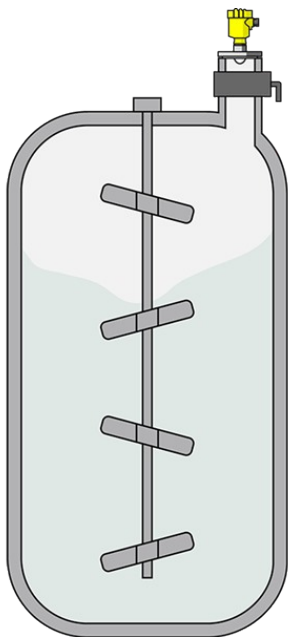
Simple installation through existing ball valves

Reaction vessel with agitator

Level measurement during the production of chewing gum base

Production of polyvinyl acetate – the base material for chewing gum – is carried out in a reaction vessel with a four stage agitator. The various raw materials begin to react when they are mixed by the agitator. To ensure smooth production, accurate level measurement is required.

[更多细节](#)



VEGAPULS 6X

Radar sensor for level measurement during the polymerization of chewing gum base in the reaction vessel

- Measuring results unaffected by agitator thanks to false signal suppression
- Strong focusing through small beam angle
- Measurement down to vessel bottom, even in media with low dielectric constant

[产品细节](#)

VEGAPULS 6X

产品细节



量程 - 距离

120 m

过程温度

-196 ... 450 °C

过程压力

-1 ... 160 bar

测量精度

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

接液材质

PTFE

PVDF

316L

PP

PEEK

螺纹连接

≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

法兰连接

≥ DN20, ≥ $\frac{3}{4}$ "

卫生型连接

Clamp ≥ 1 $\frac{1}{2}$ " - DIN32676, ISO2852

管螺栓 ≥ 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