



#### Safe

Approved materials according to FDA and EC 1935/2004

#### Cost effective

Maintenance-free operation

#### User friendly

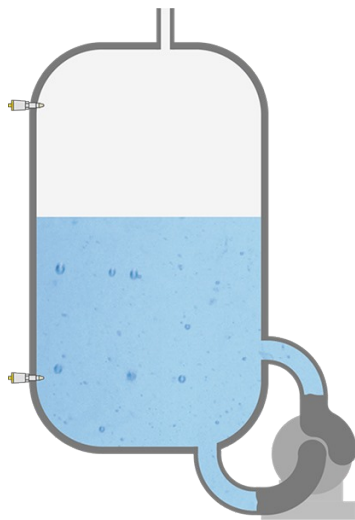
Simple installation

## Mixer

### Point level detection in the mixer

Foods often consist of a mixture of different raw materials. Mixers are used, for example, to mix solids into liquids. The resulting mixture is then further processed or used in downstream processes, if required, or directly packaged. The level switches are used to control the inlet valve and protect the vacuum pump from running dry.

[More details](#)



### VEGAPULS 42

Compact radar sensor for control of the inlet valve and as protection against dry run of the vacuum pump

- Simple automation and integration options thanks to IO-Link
- Maintenance-free operation thanks to non-contact measuring principle
- 360° status display for quick and easy recognition of process status
- Compact design ideally suited for tight spaces

[Show Product](#)

**VEGAPULS 42**  
[Show Product](#)**Measuring range - Distance**

15 m

**Process temperature**

-40 ... 130 °C

**Process pressure**

-1 ... 16 bar

**Accuracy**

± 2 mm

**Frequency**

80 GHz

**Beam angle**

≥ 12°

**Materials, wetted parts**

PTFE

316L

PEEK

**Threaded connection**≥ G $\frac{3}{4}$ , ≥  $\frac{3}{4}$  NPT**Hygienic fittings**

Universal connection G1" for hygiene adapter

**Seal material**

EPDM

FKM