



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

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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