



#### Reliable

Measurement independent of density and viscosity

#### Cost effective

Accurate level measurement optimises use of jars and medium

#### User friendly

Simple setup

## Batch filler vessel

### Level measurement in the batch filler vessel

The small batch filler vessels around 1 m high and 60 cm diameter alongside the production facility supply the filler heads of the tank. The products vary from conserve to peanut butter to chocolate spread, with varying viscosity and temperatures. The product density is also changing from each batch. The level system is required to enable an optimal filling of jars.

[More details](#)



### VEGAPULS 42

Non-contact level measurement with radar in the batch filler vessel

- 360° status display for quick and easy recognition of process status
- Maintenance-free operation thanks to non-contact measuring principle
- Compact design allows installation even in very small vessels

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**BASIC****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