



#### Safe

Approved materials according to FDA and EC 1935/2004

#### Cost effective

Not affected by buildup and water condensation

#### User friendly

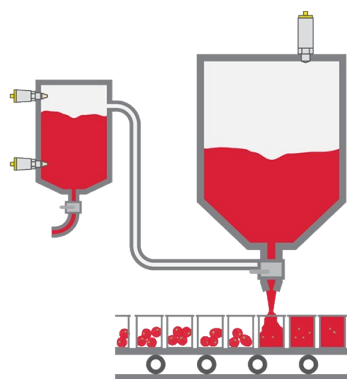
Simple installation and setup

## Tomato juice filling machine

### Level measurement and point level detection in the filling machine

The empty cans enter the filling machine on a conveyor belt. As soon as an individual can reaches the appropriate position for filling, it is pulled in with the help of a pneumatic cylinder and filled under vacuum with natural tomato juice. The level of juice in the supply tank is monitored by a radar sensor. In each filling cycle, the same amount of tomato juice is sucked out of the supply tank. Reliable point level detection ensures that all cans are filled equally.

[More details](#)



#### VEGAPOINT 21

Capacitive point level sensor for regulation of the tomato juice

- Reliable measurement ensures consistent filling of the cans
- 360° status display for quick and easy recognition of process status
- Good cleanability thanks to hygienic design

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#### VEGAPULS 42

Compact radar sensor for continuous level measurement in the supply tank

- Reliable measurement ensures a sufficient supply of tomato juice
- Non-contact measuring principle for maintenance-free operation
- Simple integration into the plant thanks to IO-Link

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BASIC	BASIC
<b>VEGAPOINT 21</b> <a href="#">Show Product</a>	<b>VEGAPULS 42</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> -	<b>Measuring range - Distance</b> 15 m
<b>Process temperature</b> -40 ... 115 °C	<b>Process temperature</b> -40 ... 130 °C
<b>Process pressure</b> -1 ... 64 bar	<b>Process pressure</b> -1 ... 16 bar
<b>Materials, wetted parts</b> 316L PEEK	<b>Accuracy</b> ± 2 mm
<b>Threaded connection</b> ≥ G½, ≥ ½ NPT	<b>Frequency</b> 80 GHz
<b>Hygienic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 Slotted nut ≥ DN32 - DIN 11851	<b>Beam angle</b> ≥ 12°
<b>Seal material</b> EPDM FKM	<b>Materials, wetted parts</b> PTFE 316L PEEK
<b>Protection rating</b> IP66/IP67 IP69	<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT
<b>Output</b> Transistor (NPN/PNP) IO-Link	<b>Hygienic fittings</b> Universal connection G1" for hygiene adapter
<b>Ambient temperature</b> -40 ... 70 °C	<b>Seal material</b> EPDM FKM