



Safe

Approved materials according to FDA and EC 1935/2004

Cost effective

Not affected by buildup and water condensation

User friendly

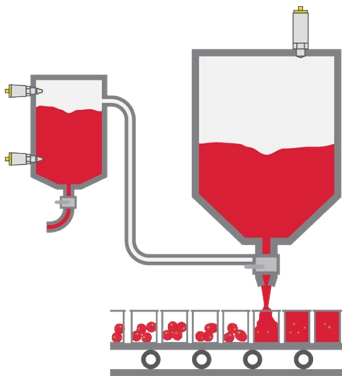
Simple installation and setup

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

VEGAPOINT 21
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VEGAPULS 42
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**Measuring range - Distance**

-

Measuring range - Distance

15 m

Process temperature

-40 ... 115 °C

Process temperature

-40 ... 130 °C

Process pressure

-1 ... 64 bar

Process pressure

-1 ... 16 bar

Materials, wetted parts316L
PEEK**Accuracy**

± 2 mm

Threaded connection

≥ G½, ≥ ½ NPT

Frequency

80 GHz

Hygienic fittingsClamp ≥ 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**Beam angle**

≥ 12°

Materials, wetted partsPTFE
316L
PEEK**Seal material**EPDM
FKM**Threaded connection**

≥ G¾, ≥ ¾ NPT

Hygienic fittings

Universal connection G1" for hygiene adapter

Protection ratingIP66/IP67
IP69**Seal material**EPDM
FKM**Output**Transistor (NPN/PNP)
IO-Link**Ambient temperature**

-40 ... 70 °C