

Safe

Continuous process operation and thus no backlog of tomatoes

Cost effective

No plant downtime thanks to reliable measurement

User friendly

Easy installation in confined spaces

Tomato pulper

Level measurement and point level detection in the tomato pulper

In the pulper, the cores and skins are separated from the pulp of the tomatoes by means of centrifugal force. To ensure that this process runs efficiently and that there is no downtime, it is important to monitor the level precisely. Limit level detection in the waste container prevents overfilling.

More details



VEGAPOINT 21

Capacitive level switch as overfill protection in the waste hopper

- Reliable measurement, unaffected by buildup
- 360° status display for quick and easy recognition of process status
- Good cleanability thanks to hygienic design





VEGAPULS C 11

Radar sensor for level measurement in the hopper

- Reliable measurement, unaffected by steam and buildup
- Maintenance-free operation by using a non-contact measuring principle
- Easy installation in tight spaces, thanks to compact sensor size

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Measuring range - Distance

Process temperature

-40 ... 115 °C

Process pressure

-1 ... 64 bar

Materials, wetted parts

316L PEEK

Threaded connection ≥ G½, ≥ ½ NPT

Hygenic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Clamp ≥ 1" - DIN32676, ISO2852

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut $\geq 1\frac{1}{2}$ ", \geq DN40 - DIN 11851

Slotted nut ≥ DN25 - DIN 11851

Slotted nut ≥ DN32 - DIN 11851

Seal material

EPDM FKM

Protection rating

IP66/IP67

IP69

Output

Transistor (NPN/PNP)

IO-Link

Ambient temperature

-40 ... 70 °C

BASIC

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Measuring range - Distance

Process temperature

-40 ... 60 °C

Process pressure

-1 ... 3 bar

Accuracy

± 5 mm / ± 0.2"

Frequency

80 GHz

Beam angle

Materials, wetted parts

PVDF

Threaded connection

 $G1\frac{1}{2}\,/\,G1,\,1\frac{1}{2}\,NPT\,/\,1\,NPT,\,R1\frac{1}{2}\,/\,R1$

Seal material

FKM

Protection rating

IP66/IP68 (3 bar), Type 6P

