



#### Reliable

Approved materials according to FDA and EG 1935/2004

#### Cost effective

Optimal cleaning thanks to front-flush measuring cell

#### User friendly

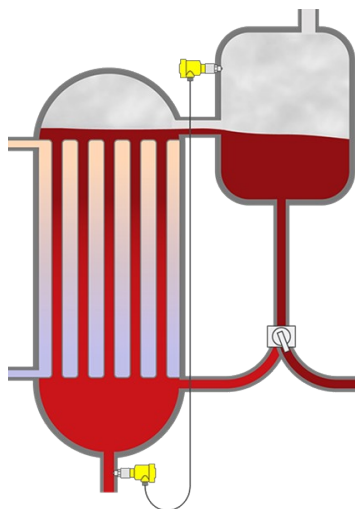
Simple mounting

## Concentrator

### Density measurement of tomato juice in a concentrator

The so-called Brix value (expressed in Brix degrees) is controlled in a concentrator. This value indicates the proportion of solids in a liquid (density). A certain Brix value is required, for example, to produce an optimal tomato concentrate. The liquid circulates in a spiral tube, from which the concentrate is obtained. The liquid content is extracted via evaporation in a special chamber. Electronic differential pressure measurement ensures accurate density measurement.

[More details](#)



### VEGABAR 82

Measuring density accurately in a concentrator using electronic differential pressure measurement.

- Exact measurement for determining the solid content
- Reliable measurement, unaffected by condensation
- Dry measuring cell is vacuum resistant and long-term stable

[Show Product](#)

## VEGABAR 82

[Show Product](#)**Measuring range - Distance**

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**Measuring range - Pressure**

-1 ... 100 bar

**Process temperature**

-40 ... 150 °C

**Process pressure**

-1 ... 100 bar

**Accuracy**

0.05 %

**Materials, wetted parts**

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

**Threaded connection**

≥ G½, ≥ ½ NPT

**Flange connection**

≥ DN15, ≥ ½"

**Hygienic fittings**

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

**Seal material**

EPDM

FKM

FFKM