



### Reliable

The materials used do not interact with the medium.

### Cost effective

Maximum process efficiency is guaranteed through reliable measurement

### User friendly

Standardized adapter system for all process fittings

## Steam separator

### Steam separator pressure measurement and point level detection.

In the production of purified water, the process begins with tap water being fed into the steam separator. The tap water evaporates there and is fed into the condenser. Evaporation is effected by a heat exchanger supplied with saturated steam. To ensure that the heat exchanger is always covered with tap water, reliable level detection is required. The pressure inside the steam separator must be kept constant in order to achieve maximum efficiency.

#### More details



### VEGABAR 83

Pressure transmitter for gauge pressure measurement in the vapour phase

- Good cleanability thanks to hygienic design
- Approved materials according to EC 1935/2004 and FDA
- Elastomer-free transmitter construction reduces maintenance costs

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### VEGABAR 29

Pressure transmitter for pressure measurement in the saturated steam pipeline

- Accurate process control thanks to fast response time
- Installation above water pocket tube allows use even at high temperatures
- Easy-to-read display with VDMA menu structure that includes plain text descriptions

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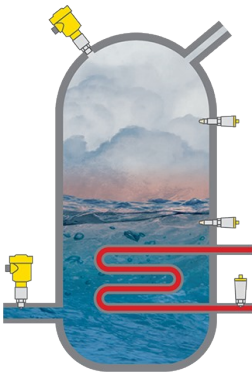


### VEGAPOINT 21

Capacitive level switch for point level detection in the steam separator

- Reliable switching point in water and steam
- Good cleanability thanks to hygienic design
- 360° display of the switching status
- IO-Link connection for simple integration

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PRO

**VEGABAR 83**  
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**Measuring range - Distance**

-

**Measuring range - Pressure**

-1 ... 1000 bar

**Process temperature**

-40 ... 200 °C

**Process pressure**

-1 ... 1000 bar

**Accuracy**

0.075 %

**Materials, wetted parts**

316L  
 Alloy C22 (2.4602)  
 316Ti (1.4571)  
 Alloy C4 (2.4610)

**Threaded connection**

≥ G½, ≥ ½ NPT

**Flange connection**

≥ DN25, ≥ 1"

**Hygienic fittings**

Slotted nut ≥ DN25 - DIN 11851  
 Varivent ≥ DN25  
 hygienic fitting with tension flange DN32  
 Hygienice flange connection ≥ DN50 DIN11864-2  
 SMS 1145 DN51  
 SMS DN38  
 Hygienic fittings ≥ DN33 - DIN11864-1-A  
 Hyg. collar clamp adapter DN40PN40 DIN11864-3-A  
 Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53  
 Swagelok VCR screwing  
 Varivent G125

**Seal material**

no media contact

BASIC

**VEGABAR 29**  
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**Measuring range - Pressure**

-1 ... 1000 bar

**Process temperature**

-40 ... 130 °C

**Accuracy**

0.3 %

**Materials, wetted parts**

316L

**Threaded connection**

≥ G½, ≥ ½ NPT

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852  
 Clamp ≥ 1" - DIN32676, ISO2852  
 Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851  
 Slotted nut ≥ DN25 - DIN 11851  
 SMS 1145 DN51  
 SMS DN38  
 Hygienic fittings ≥ DN25 - DIN11864-1-A  
 Hygienic fittings ≥ DN40 - DIN11864-1-A  
 Varivent N50-40  
 SMS DN25  
 Ingold connection PN10  
 Varivent F25

**Protection rating**

IP65  
 IP68 (0,5 bar)/IP69

**Output**

4 ... 20 mA  
 Three-wire (PNP/NPN, 4 ... 20 mA)  
 IO-Link

**Ambient temperature**

-40 ... 70 °C

BASIC

**VEGAPOINT 21**  
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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

**Hygienic fittings**

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

**Seal material**

EPDM  
 FKM

**Protection rating**

IP66/IP67  
 IP69

**Output**

Transistor (NPN/PNP)  
 IO-Link

**Ambient temperature**

-40 ... 70 °C