



### 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

## Condenser (WFI)

### Condenser pressure and point level measurement

The so-called aqua purificata evaporated in the steam separator is condensed to high purity water (WFI) in the condenser. Inside the condenser there is a cooling system that cools the steam to make it condense. The feed of cooling liquid is monitored in the pipeline. Point level detection ensures that sufficient condensate is present to prevent steam from entering the WFI reservoir directly via the feed pipe.

[More details](#)



### VEGABAR 83

Pressure transmitter for pressure measurement in pipelines

- The materials used have no effect on the high-purity WFI water.
- Good cleanability thanks to hygienic design
- Metallic measuring cell for front-flush pressure measurement, even at high temperatures

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### VEGABAR 28

Pressure transmitter for pressure measurement in the coolant inlet

- Ceramic CERTEC® measuring cell is resistant to aggressive cooling medium
- Reliable measurement, even with condensate formation, thanks to encapsulated measuring cell
- Compact design facilitates installation

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### VEGAPOINT 21

Capacitive level switch for point level detection in the condenser

- Reliable switch point in water and steam
- Good cleanability thanks to hygienic design
- 360° visible display of the switching status

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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**

Clamp ≥ 1" - DIN32676, ISO2852  
 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 28**  
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**Measuring range - Pressure**

-1 ... 60 bar

**Process temperature**

-40 ... 130 °C

**Accuracy**

0.3 %

**Materials, wetted parts**

PVDF  
 Duplex (1.4462)  
 Ceramic  
 316/316L

**Threaded connection**

≥ G½, ≥ ½ NPT

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852  
 Clamp ≥ 1" - DIN32676, ISO2852  
 Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ DN25 - DIN 11851  
 Slotted nut ≥ DN32 - 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

**Seal material**

EPDM  
 FKM  
 FFKM

**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 ... 25 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