



#### Reliable

Reliable monitoring of the media streams

#### Cost effective

Maintenance-free operation through reliable measurement technology

#### User friendly

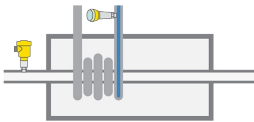
Simple connection via standardised IO-Link

## Wort cooler

### Pressure measurement in the wort cooler

In the wort cooler, the wort is cooled down from approx. +100 °C to 8 - 15 °C. The yeast is added in a subsequent process. Reliable pressure measurement is required to maintain an optimal process in the wort cooler.

[More details](#)



#### VEGABAR 83

Pressure transmitter for pressure monitoring in the wort pipeline

- Robust measuring cell guarantees long-term stability
- Suitable for CIP cleaning processes, temperature resistant up to +130 °C
- Bluetooth communication for easy diagnosis

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#### VEGABAR 38

Pressure transmitter with I/O link connection for pressure monitoring in the feed line for the cooling medium

- Simple operation thanks to VDMA menu structure and integrated display
- Ceramic CERTEC® measuring cell is totally resistant to cooling water
- Thanks to the 360° status display, different operating status can be quickly and clearly recognised

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PRO

BASIC

**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  
 Hygienic 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

**VEGABAR 38**  
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**Measuring range - Pressure**

-1 ... 60 bar

**Process temperature**

-40 ... 130 °C

**Accuracy**

0.3 %

**Materials, wetted parts**

PVDF  
 316L  
 Duplex (1.4462)  
 Ceramic

**Threaded connection**

≥ G¾, ≥ ¼ 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 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

**Housing material**

Plastic

**Protection rating**

IP66/IP67  
 IP65

**Output**

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