



### Reliable

Reliable detection prevents excessive accumulation of foam

### Cost effective

Savings through effective CO2 separation

### User friendly

Simple setup via the VEGA Tools app

## CO2 separator

### Water level and foam detection in the CO2 separator

CO2 is produced during the fermentation process in the fermentation tank. It is captured to increase efficiency and used later in the filling process. To this end, CO2 recirculation systems are integrated in the brewing process. In what's known as a foam trap, the CO2 is fed into a small container and passed through a tank filled with water, in order to filter out any residues in the gas generated in fermentation. Foam is produced during this process. If too much foam accumulates, it has to be flushed out at an early stage. For this purpose, a fine spray of water is introduced via a spray ball to 'kill the foam'. A point level detection system ensures a reliable and efficient flushing process and reduces water consumption.

[More details](#)



### VEGAPOINT 11

Capacitive level switch as dry run protection in the CO2 separator

- Adjustment-free setup
- 360° status display for quick and easy recognition of process status

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### VEGAPOINT 21

Capacitive level switch as both water level and foam detector in the CO2 separator

- Detection signals from foam and water level can be transmitted via separate outputs
- 360° status display for quick and easy recognition of process status
- Simple parameterisation via the VEGA Tools app

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## BASIC

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**VEGAPOINT 11**  
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**VEGAPOINT 21**  
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**Measuring range - Distance**

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**Measuring range - Distance**

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**Process temperature**

-20 ... 100 °C

**Process temperature**

-40 ... 115 °C

**Process pressure**

-1 ... 64 bar

**Process pressure**

-1 ... 64 bar

**Materials, wetted parts**316L  
PEEK**Materials, wetted parts**316L  
PEEK**Threaded connection**

≥ G½, ≥ ½ NPT

**Threaded connection**

≥ G½, ≥ ½ NPT

**Seal material**EPDM  
FKM**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**Protection rating**IP66/IP67  
IP69**Seal material**EPDM  
FKM**Output**Transistor (PNP)  
IO-Link**Protection rating**IP66/IP67  
IP69**Ambient temperature**

-40 ... 70 °C

**Output**Transistor (NPN/PNP)  
IO-Link**Ambient temperature**

-40 ... 70 °C