



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		BASIC	
VEGAPOINT 11 Show Product		VEGAPOINT 21 Show Product	
			
Measuring range - Distance -		Measuring range - Distance -	
Process temperature -20 ... 100 °C		Process temperature -40 ... 115 °C	
Process pressure -1 ... 25 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	