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 whats 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

Show Product

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

Show Product

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	**Hygenic 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

VEGA HOME OF VALUES