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

VEGAPOINT 11

Show Product

Measuring range - Distance
-

Process temperature
-20 ... 100 °C

Process pressure
-1 ... 25 bar

Materials, wetted parts
316L
PEEK

Threaded connection
≥ G½, ≥ ½ NPT

Seal material
EPDM
FKM

Protection rating
IP66/IP67
IP69

Output
Transistor (PNP)
IO-Link

Ambient temperature
-40 ... 70 °C

BASIC

VEGAPOINT 21

Show Product

Measuring range - Distance
-

Process temperature
-40 ... 115 °C

Process pressure
-1 ... 64 bar

Materials, wetted parts
316L
PEEK

Threaded connection
≥ G½, ≥ ½ NPT

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

Seal material
EPDM
FKM

Protection rating
IP66/IP67
IP69

Output
Transistor (NPN/PNP)
IO-Link

Ambient temperature
-40 ... 70 °C