



#### Reliable

Dependable measurement for safe, reliable containment through Second Line of Defense

#### Cost effective

Maintenance-free operation

#### User friendly

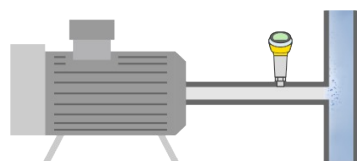
Simple parameterization and on-site display

## Ozone gas collection pipe

### Pressure measurement in the ozone collection pipe

Ozone is used for the disinfection of drinking water. It is produced from oxygen in a hyperbaric reactor by means of electrical energy. The gas produced then flows into the ozone gas collection pipe. Reliable pressure measurement is mandatory in order to keep the pressure in the pipeline constant and monitor the process integrity.

[More details](#)



### VEGABAR 82

Pressure transmitter for pressure monitoring in the ozone gas collection pipe

- The ceramic CERTEC® measuring cell is fully resistant to ozone
- Reliable measurement assured through high measurement accuracy
- Second Line of Defense inside transmitter for additional process security

[Show Product](#)

**VEGABAR 82**[Show Product](#)**Measuring range - Distance**

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**Measuring range - Pressure**

-1 ... 100 bar

**Process temperature**

-40 ... 150 °C

**Process pressure**

-1 ... 100 bar

**Accuracy**

0.05 %

**Materials, wetted parts**

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

**Threaded connection**≥ G $\frac{1}{4}$ , ≥  $\frac{1}{4}$  NPT**Flange connection**≥ DN15, ≥  $\frac{1}{2}$ "**Hygienic fittings**

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

**Seal material**

EPDM

FKM

FFKM