

Reliable

The materials used do not interact with the medium

Cost effective

Maximum process efficiency is guaranteed through reliable measurement

User friendly

Standardized adapter system for all process fittings



Steam separator (WFI)

Steam separator pressure measurement and point level detection

In the production of ultrapure water (WFI), the process begins with aqua purificata being fed into the steam separator. The aqua purificata evaporates there and is fed into the condenser. Evaporation is effected by a heat exchanger supplied with saturated steam. To ensure that the heat exchanger is always covered with aqua purificata, reliable level detection is required. The pressure inside the steam separator must be kept constant in order to achieve maximum efficiency.

More details



VEGABAR 83

Pressure transmitter for gauge pressure measurement in the vapour phase

- Good cleanability thanks to hygienic design
- Approved materials according to EC 1935/2004 and FDA
- Elastomer-free transmitter construction reduces maintenance costs

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VEGABAR 29

Pressure transmitter for pressure measurement in the saturated steam pipeline

- Accurate process control thanks to fast response time
- Installation above water pocket tube allows use even at high temperatures
- Easy-to-read display with VDMA menu structure that includes plain text descriptions

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VEGAPOINT 21

Capacitive level switch for point level detection in the steam separator

- Reliable switching point in water and steam
- Good cleanability thanks to hygienic design
- 360° visible display of the switching status
- IO-Link connection for simple integration

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VEGABAR 83 Show Product



Measuring range - Distance

-

Measuring range - Pressure

-1 ... 1000 bar

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 1000 bar

Accuracy

0.075 %

Materials, wetted parts

3161

Alloy C22 (2.4602)

316Ti (1.4571)

Alloy C4 (2.4610)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic fittings

Slotted nut ≥ DN25 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

Hygienice flange connection ≥ DN50 DIN11864-2

SMS 1145 DN51

SMS DN38

Hygienic fittings ≥ DN33 - DIN11864-1-A

Hyg. collar clamp adapter DN40PN40 DIN11864-3-A

Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53 $\,$

Swagelok VCR screwing

Varivent G125

Seal material

no media contact

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Measuring range - Pressure

-1 ... 1000 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

316L

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

SMS 1145 DN51

SMS DN38

Hygienic fittings ≥ DN25 - DIN11864-1-A

Hygienic fittings ≥ DN40 - DIN11864-1-A

Varivent N50-40

SMS DN25

Ingold connection PN10

Varivent F25

Protection rating

IP65

IP68 (0,5 bar)/IP69

Output

4 ... 20 mA

Three-wire (PNP/NPN, 4 ... 20 mA)

IO-Link

Ambient temperature

-40 ... 70 °C

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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

EPDM

Seal material

FKM

Protection rating

IP66/IP67

IP69

Output

Transistor (NPN/PNP)

IO-Link

Ambient temperature

-40 ... 70 °C

