

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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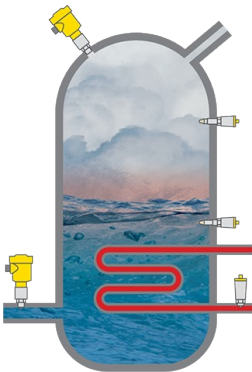


VEGAPOINT 21

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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PRO

VEGABAR 83
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Measuring range - Distance

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Measuring range - Pressure

-1 ... 1000 bar

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 1000 bar

Accuracy

0.075 %

Materials, wetted parts

316L
 Alloy C22 (2.4602)
 316Ti (1.4571)
 Alloy C4 (2.4610)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN25, ≥ 1"

Hygienic 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

BASIC

VEGABAR 29
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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

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
 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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VEGAPOINT 21
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Measuring range - Distance

-

Process temperature

-40 ... 115 °C

Process pressure

-1 ... 25 bar

Materials, wetted parts

316L
 PEEK

Threaded connection

≥ G½, ≥ ½ NPT

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

Seal material

EPDM
 FKM

Protection rating

IP66/IP67
 IP69

Output

Transistor (NPN/PNP)
 IO-Link

Ambient temperature

-40 ... 70 °C