



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

Condenser (WFI)

Condenser pressure and point level measurement

The so-called aqua purificata evaporated in the steam separator is condensed to high purity water (WFI) in the condenser. Inside the condenser there is a cooling system that cools the steam to make it condense. The feed of cooling liquid is monitored in the pipeline. Point level detection ensures that sufficient condensate is present to prevent steam from entering the WFI reservoir directly via the feed pipe.

[More details](#)



VEGABAR 83

Pressure transmitter for pressure measurement in pipelines

- The materials used have no effect on the high-purity WFI water.
- Good cleanability thanks to hygienic design
- Metallic measuring cell for front-flush pressure measurement, even at high temperatures

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VEGABAR 28

Pressure transmitter for pressure measurement in the coolant inlet

- Ceramic CERTEC® measuring cell is resistant to aggressive cooling medium
- Reliable measurement, even with condensate formation, thanks to encapsulated measuring cell
- Compact design facilitates installation

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VEGAPOINT 21

Capacitive level switch for point level detection in the condenser

- Reliable switch point in water and steam
- Good cleanability thanks to hygienic design
- 360° visible display of the switching status

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PRO

VEGABAR 83
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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

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 28
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Measuring range - Pressure

-1 ... 60 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

PVDF
Duplex (1.4462)
Ceramic
316/316L

Threaded connection

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852
Clamp ≥ 1" - DIN32676, ISO2852
Clamp ≥ 1½" - DIN32676, ISO2852
Slotted nut ≥ DN25 - DIN 11851
Slotted nut ≥ DN32 - 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

Seal material

EPDM
FKM
FFKM

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

BASIC

VEGAPOINT 21
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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

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