

Reliable

Optimal concentration thanks to highly accurate level measurement

Cost effective Easy cleaning without dismantling

User friendly Simple installation and setup



Vacuum evaporator with scraper system

Level measurement in a vacuum evaporator with scraper system and pressure monitoring in the supply line

A thickening vessel fitted with a scraper is used to increase the concentration of extracted solutions by means of evaporation under vacuum. Extremely precise level measurement is required in this process because the concentration is determined by the filling height. The evaporation system operates according to meeting specified levels. As soon as they reach the correct value, the evaporation process is stopped and the concentrated solution is discharged out of the tank.

More details



VEGABAR 38

Pressure monitoring with IO-Link connection in the supply line of the heating medium

- Reliable measurement thanks to fast response time
- Robust ceramic CERTEC® measuring cell guarantees a long service life
- Simple operation thanks to VDMA menu structure and integrated display

Show Product

VEGAPULS 6X

Vacuum evaporator level measurement with non-contact radar

- · Measurement down to the bottom of the vessel thanks to tight signal focusing
- Reliable measurement, unaffected by vessel internals due to high dynamic range
- Encapsulated antenna system, insensitive to condensation and buildup
- The front-flush, encapsulated antenna is easy to clean and resistant to the extreme conditions of the CIP and SIP processes

Show Product



BASIC	PRO
VEGABAR 38	VEGAPULS 6X
Show Product	Show Product
Measuring range - Pressure	Measuring range - Distance
-1 60 bar	120 m
Process temperature	Process temperature
-40 130 °C	-196 450 °C
Accuracy	Process pressure
0.3 %	-1 160 bar
Materials, wetted parts	Accuracy
PVDF	± 1 mm
316L	Frequency
Duplex (1.4462)	6 GHz
Ceramic	26 GHz
Threaded connection	80 GHz
≥ G¼, ≥ ¼ NPT	Beam angle
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 DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A	≥ 3° Materials, wetted parts PTFE PVDF 316L PP PEEK
Varivent N50-40	Threaded connection
SMS DN25	≥ G¾, ≥ ⅔ NPT
Ingold connection PN10	Flange connection
Varivent F25	≥ DN20, ≥ ¾"
Seal material	Hygenic fittings
EPDM	Clamp ≥ 1½" - DIN32676, ISO2852
FKM	Slotted nut ≥ 2", DN50 - DIN 11851
FFKM	Varivent ≥ DN25
Housing material Plastic	hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 -
Protection rating IP66/IP67 IP65	Hygienic sciew connections ≥ DN50 tube 055 - DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A
Output 4 20 mA Three-wire (PNP/NPN, 4 20 mA) IO-Link	DRD connection ø 65 mm SMS 1145 DN51