

Reliable

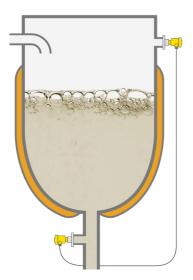
Optimised distillation process through a reliable measurement

Cost effective

Simple installation saves time and costs

User friendly

Output of additional measured values



Distillation vessel

Level measurement in a distillation vessel and pressure monitoring in the supply line

Solvents are used in the pharmaceutical industry for extracting active ingredients. They are then recovered via evaporation in a high-vacuum distillation vessel. After the solvent has been removed from the pharmaceutical product by evaporation, it is further processed. Reliable level measurement is required in the distillation vessel for process control.

More details



VEGABAR 82

Electronic differential pressure measurement for level measurement in a distillation vessel

- Reliable measuring results safeguard the distillation process
- Robust and drift-free, thanks to oil-free CERTEC® ceramic measuring cell
- Reliable level measurement, unaffected by foam generation
- Additional measured values such as vacuum and temperature

Show Product

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



PRO	BASIC
VEGABAR 82 Show Product	VEGABAR 38 Show Product
Measuring range - Distance -	Measuring range - Pressure -1 60 bar
Measuring range - Pressure -1 100 bar	Process temperature -40 130 °C
Process temperature -40 150 °C	Accuracy 0.3 %
Process pressure -1 100 bar Accuracy	Materials, wetted parts PVDF 316L Duplex (1.4462)
0.05 % Materials, wetted parts	Ceramic Threaded connection
PVDF 316L	≥ G½, ≥ ½ NPT
Alloy C22 (2.4602) PP 1.4057 1.4410 Alloy C276 (2.4819) Duplex (1.4462) Titanium Grade 2 (3.7035)	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
Threaded connection ≥ G½, ≥ ½ NPT	Hygienic fittings ≥ DN25 - DINT1664-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25
Flange connection ≥ DN15, ≥ ½"	Ingold connection PN10 Varivent F25
Hygenic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut	Seal material EPDM FKM FFKM
DRD connection ø 65 mm SMS 1145 DN51	Housing material Plastic
SMS DN38 Swagelok VCR screwing Varivent G125 Varivent N50-40 for NEL MO Bio Cantral DEC DN46 (246)	Protection rating IP66/IP67 IP65
for NEUMO BioControl D50 PN16 / 316L Seal material EPDM FKM FFKM	Output 4 20 mA Three-wire (PNP/NPN, 4 20 mA) IO-Link

