



Reliable

Reliable measured values for the load release

Cost effective

Reliable measurement protects against damage to the grinding set and avoids downtime

User friendly

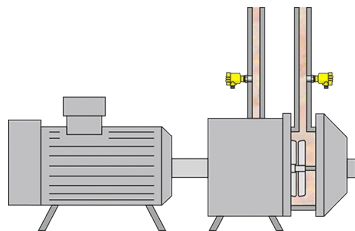
Flush mounting transmitter for maintenance-free measurement

Refiner

Pressure measurement on the refiner

Refiners are used in paper production to grind up pulp. The main objective of the process is to impart certain properties to the pulp. Every refiner has a grinding set consisting of both fixed and rotating parts. The pressures at the input and output have to be measured for monitoring the loading and release of the grinding set as well as for display of performance.

[More details](#)



VEGABAR 82

Pressure measurement in the output pipe of the refiner

- Reliable measurement with ceramic CERTEC® measuring cell protects against damage and avoids production stoppages
- Maintenance-free self-cleaning effect through front-flush mounting
- Immune to pressure shocks, high temperatures and vibration, thanks to robust design of the sensor

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[Show Product](#)**Measuring range - Distance**

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Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF
 316L
 Alloy C22 (2.4602)
 PP
 1.4057
 1.4410
 Alloy C276 (2.4819)
 Duplex (1.4462)
 Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852
 Slotted nut ≥ DN25 - DIN 11851
 hygienic fitting with tension flange DN32
 hygienic fitting F40 with compression nut
 DRD connection ø 65 mm
 SMS 1145 DN51
 SMS DN38
 Swagelok VCR screwing
 Varivent G125
 Varivent N50-40
 for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM
 FKM
 FFKM