

## 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 maintenancefree 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


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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VEGABAR 82
Show Product


Measuring range - Distance

## Measuring range - Pressure

-1 ... 100 bar

Process temperature
$-40 \ldots 150^{\circ} \mathrm{C}$

## 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

$\geq \mathrm{G}^{1} / 2, \geq 1 / 2$ NPT
Flange connection
$\geq$ DN15, $\geq 1 / 2^{\prime \prime}$

## Hygenic fittings

Clamp $\geq 1^{\prime \prime}$ - DIN32676, ISO2852
Slotted nut $\geq$ DN25 - DIN 11851
hygienic fitting with tension flange DN32
hygienic fitting F40 with compression nut
DRD connection $\varnothing 65 \mathrm{~mm}$
SMS 1145 DN51
SMS DN38
Swagelok VCR screwing
Varivent G125
Varivent N50-40
for NEUMO BioControl D50 PN16 / 316L

Seal material
EPDM
FKM
FFKM

