



Drying-cylinder

Reliable

Reliable measurement ensures continuous, trouble-free operation of the facility

Cost effective

Low-cost measurement system via electronic differential pressure

User friendly

Simple installation, as capillaries and impulse lines are not necessary

Differential pressure measurement in the drying cylinder

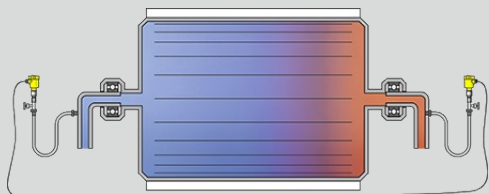
The residual moisture content of the paper web is removed by steam-heated cylinders in the drying section of the paper machine. The drying process removes heat from the steam, which then forms a thin layer of condensate on the inner walls of the cylinder. This layer influences the transfer of heat to the paper and has to be skimmed off continuously by siphoning. The correct level of heat transfer from the drying cylinder to the paper is monitored by pressure measurements both at the inlet and at the outlet.



VEGABAR 82

Electronic differential pressure measurement at the inlet/outlet of the drying cylinder

- Long-term stability through use of dry CERTEC® measuring cell
- Direct pressure measurement without differential pressure lines





VEGABAR 82

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