Reliable

The high reliability of measurement protects the vacuum pumps from water intake

Cost effective

High availability of the vacuum system

User friendly

Easy to install, setup without calibration

Water separator

Level measurement in the water separator and pressure measurement upstream of the vacuum pump

The paper web is dewatered in the press and wire section of the paper machine. As the resulting water is removed via vacuum pipelines which are monitored by pressure transmitters to control the vacuum pump. It is also very important to prevent water from getting into the vacuum pump. To achieve this, water separators are built into the feed lines and the separated water is drawn off by a water pump. A continuous level measurement is used to control the level and the pump.

More details

VEGAFLEX 81

Level measurement with guided wave radar in the water separator

- Reliable measurement even in vacuum
- High accuracy even with small measuring ranges
- Measurement in the bypass independent of process conditions

Show Product

VEGABAR 82

Pressure measurement in the pipeline for regulation of the vacuum pump

- Self-cleaning effect through front-flush installation in the pipe
- Permanently vacuum resistant
- Highly abrasion resistant CERTEC® measuring cell

Show Product

PRO

VEGAFLEX 81

Show Product

Measuring range - Distance
75 m

Process temperature
-60 ... 200 °C

Process pressure
-1 ... 40 bar

Accuracy
± 2 mm

Version
Basic version for exchangeable cable ø 2; ø 4 mm
Basic version for exchangeable rod ø 8 mm
Basic version for exchangeable rod ø 12 mm
Coax version ø 21.3 mm for ammonia application
Coax version ø 21.3 mm with single hole
Coax version ø 21.3 mm with multiple hole
Coax version ø 42.2 mm with multiple hole
Exchangeable rod ø 8 mm
Exchangeable rod ø 12 mm
Exchangeable cable ø 2 mm with gravity weight
Exchangeable cable ø 4 mm with gravity weight
Exchangeable cable ø 2 mm with centering weight
Exchangeable cable ø 4 mm with centering weight
Exchangeable cable ø 4 mm without weight
exchangeable, PFA-coated cable ø4 mm with non-coated centering weight

Materials, wetted parts
PFA
316L
Alloy C22 (2.4602)
Alloy 400 (2.4360)
Alloy C276 (2.4819)
Duplex (1.4462)
304L

Threaded connection
≥ G¾, ≥ ¾ NPT

Flange connection
≥ DN25, ≥ 1"

Seal material
EPDM
FKM
FFKM
Silicone FEP coated
Borosilicate glass

Housing material
Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)

PRO

VEGABAR 82

Show Product

Measuring range - Distance
-

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"

Hygenic 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