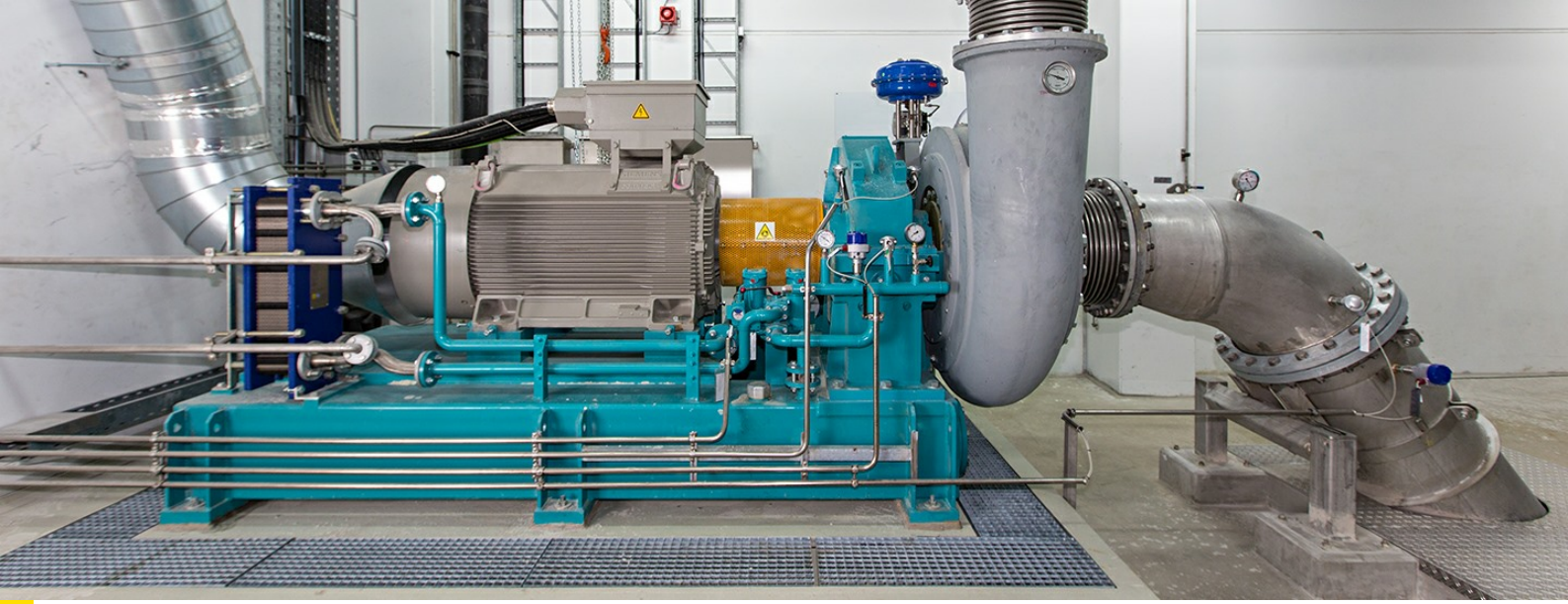


Reliable

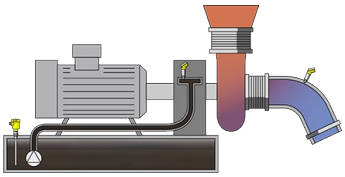
Reliable pressure measurement in the lubrication system, even with strong vibration

Cost effective

Long-term stable vacuum measurement with oil-free ceramic measuring cell

User friendly

Temperature information on air and lubricating oil also available for the control system



Vacuum system

Level and pressure measurement in the vacuum system

A vacuum system is used to perform dewatering on the high-speed paper machines. The required high vacuum is generated by a single or multi-stage centrifugal blower. The strength of the vacuum is regulated by the rotational speed of the electric drives. For this purpose, the vacuum must be continuously measured. It is also necessary to monitor the bearing lubrication system to ensure reliable operation of the vacuum blower itself. To achieve this, the pressure in the lubricating lines and the level in the lube oil supply tank need to be measured.

More details

VEGABAR 38

Pressure measurement for speed control of the pump drive

- Long-term stable vacuum measurement with dry measuring cell
- Air and lubricating oil temperature information also available from the transmitter for the control System
- Reliable operation through high overload resistance

Show Product

VEGACAL 63

Capacitive level measurement in the oil supply tank

- Economical level measurement through use of low-cost transmitter
- Long service life thanks to robust mechanical design
- Maximum tank utilization, as probe measures over its entire length

Show Product

BASIC

VEGABAR 38

Show Product

Measuring range - Pressure
-1 ... 60 bar

Process temperature
-40 ... 130 °C

Accuracy
0.3 %

Materials, wetted parts
PVDF
316L
Duplex (1.4462)
Ceramic

Threaded connection
≥ G½, ≥ ½ NPT

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
Hygienic fittings ≥ DN40 - DIN11864-1-A
Varivent N50-40
SMS DN25
Ingold connection PN10
Varivent F25

Seal material
EPDM
FKM
FFKM

Housing material
Plastic

Protection rating
IP66/IP67
IP65

Output
4 … 20 mA
Three-wire (PNP/NPN, 4 … 20 mA)
IO-Link

PRO

VEGACAL 63

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Measuring range - Distance
6 m

Process temperature
-50 ... 200 °C

Process pressure
-1 ... 64 bar

Version
PE insulation
PE insulation and concentric tube
PTFE insulation
PTFE insulation with screening tube PN1
PTFE insulation with screening tube PN16
PTFE insulation with screening tube PN40
PTFE insulation and concentric tube

Materials, wetted parts
PTFE
316L
Alloy C22 (2.4602)
Alloy 400 (2.4360)
PE
Steel C22.8

Threaded connection
≥ G½, ≥ ½ NPT

Flange connection
≥ DN25, ≥ 1"

Seal material
no media contact

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

Protection rating
IP66/IP68 (0,2 bar)
IP66/IP67
IP66/IP68 (1 bar)