



#### Reliable

Reliable dry run protection of these expensive, easily damaged pumps

#### Cost effective

High availability of the pumps

#### User friendly

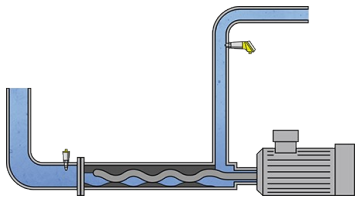
Product independent function, thus simple setup and commissioning

## Pumps for wet strength agent

### Pressure measurement and point level detection for eccentric pumps

Wet strength agents are polymeric additives that enhance water resistance properties, especially in sanitary and specialty papers. They are applied in the paper machine via a size press or spraying device. Because of their high pH value, these substances are stored in double-walled GRP (glass reinforced plastic) tanks. The high viscosity of the medium requires the use of a pneumatic conveyor system and special eccentric pumps for filling and emptying. With these pump types, dry run protection and pressure monitoring is a necessity.

[More details](#)



#### VEGABAR 38

Pressure monitoring of pipelines leading to the paper machine

- Small, front-flush process fitting
- High measurement certainty through vacuum-resistant design

[Show Product](#)



#### VEGAPOINT 21

Capacitive level switch for dry run protection for eccentric pumps

- Accurate and reliable function through product-independent switching point
- Setup without adjustment

[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

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852  
Clamp ≥ 1" - DIN32676, ISO2852  
Clamp ≥ ½" - 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

## BASIC

## VEGAPOINT 21

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

-

**Process temperature**

-40 ... 115 °C

**Process pressure**

-1 ... 64 bar

**Materials, wetted parts**

316L  
PEEK

**Threaded connection**

≥ G½, ≥ ½ NPT

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852  
Clamp ≥ 1" - DIN32676, ISO2852  
Clamp ≥ ½" - DIN32676, ISO2852  
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851  
Slotted nut ≥ DN25 - DIN 11851  
Slotted nut ≥ DN32 - DIN 11851

**Seal material**

EPDM  
FKM

**Protection rating**

IP66/IP67  
IP69

**Output**

Transistor (NPN/PNP)  
IO-Link

**Ambient temperature**

-40 ... 70 °C