



#### Reliable

Reliable dry run protection of these expensive, easily damaged pumps

#### Cost effective

High availability of the pumps

#### User friendly

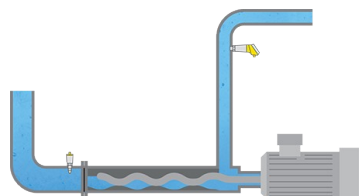
Product independent function, thus simple setup and commissioning

## 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

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#### VEGAPOINT 21

Capacitive level switch for dry run protection for eccentric pumps

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

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BASIC	BASIC
<b>VEGABAR 38</b> <a href="#">Show Product</a>	<b>VEGAPOINT 21</b> <a href="#">Show Product</a>
	
<b>Measuring range - Pressure</b> -1 ... 60 bar	<b>Measuring range - Distance</b> -
<b>Process temperature</b> -40 ... 130 °C	<b>Process temperature</b> -40 ... 115 °C
<b>Accuracy</b> 0.3 %	<b>Process pressure</b> -1 ... 64 bar
<b>Materials, wetted parts</b> PVDF 316L Duplex (1.4462) Ceramic	<b>Materials, wetted parts</b> 316L PEEK
<b>Threaded connection</b> $\geq G\frac{1}{4}$ , $\geq \frac{1}{4}$ NPT	<b>Threaded connection</b> $\geq G\frac{1}{2}$ , $\geq \frac{1}{2}$ NPT
<b>Hygienic fittings</b> Clamp $\geq 2"$ , DN50 - DIN32676, ISO2852 Clamp $\geq 1"$ - DIN32676, ISO2852 Clamp $\geq 1\frac{1}{2}"$ - DIN32676, ISO2852 Slotted nut $\geq 1\frac{1}{2}"$ , $\geq$ DN40 - DIN 11851 Slotted nut $\geq$ DN25 - DIN 11851 SMS DN38 Hygienic fittings $\geq$ DN25 - DIN11864-1-A Hygienic fittings $\geq$ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25	<b>Hygienic fittings</b> Clamp $\geq 2"$ , DN50 - DIN32676, ISO2852 Clamp $\geq 1"$ - DIN32676, ISO2852 Clamp $\geq 1\frac{1}{2}"$ - DIN32676, ISO2852 Slotted nut $\geq 1\frac{1}{2}"$ , $\geq$ DN40 - DIN 11851 Slotted nut $\geq$ DN25 - DIN 11851 Slotted nut $\geq$ DN32 - DIN 11851
<b>Seal material</b> EPDM FKM FFKM	<b>Seal material</b> EPDM FKM
<b>Housing material</b> Plastic	<b>Protection rating</b> IP66/IP67 IP69
<b>Protection rating</b> IP66/IP67 IP65	<b>Output</b> Transistor (NPN/PNP) IO-Link
<b>Output</b> 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link	<b>Ambient temperature</b> -40 ... 70 °C