

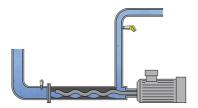
#### Reliable

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	BASIC
VEGABAR 38 Show Product	VEGAPOINT 21 Show Product
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Measuring range - Pressure -1 60 bar	Measuring range - Distance -
Process temperature 40 130 °C	Process temperature -40 115 °C
Accuracy 0.3 %	Process pressure -1 64 bar
Materials, wetted parts PVDF 316L Duplex (1.4462)	Materials, wetted parts 316L PEEK
Duplex (1.4462) Ceramic	Threaded connection $\geq G_{2,} \geq \frac{1}{2} \text{NPT}$
Threaded connection ≥ G½, ≥ ½ NPT	Hygenic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852
Hygenic fittingsClamp ≥ 2", DN50 - DIN32676, ISO2852Clamp ≥ 1" - DIN32676, ISO2852Clamp ≥ 1½" - DIN32676, ISO2852Slotted nut ≥ 1½", ≥ DN40 - DIN 11851Slotted nut ≥ DN25 - DIN 11851SMS DN38Hygienic fittings ≥ DN25 - DIN11864-1-AHygienic fittings ≥ DN40 - DIN11864-1-AVarivent N50-40SMS DN25Ingold connection PN10Varivent F25	Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - 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
Seal material EPDM FKM FFKM	Output Transistor (NPN/PNP) IO-Link
Housing material	Ambient temperature -40 70 °C
Protection rating IP66/IP67 IP65	
Output 4 20 mA Three-wire (PNP/NPN, 4 20 mA) IO-Link	

