



Bleaching tower

Reliable

High operational reliability by reliable measurement, even with high pulp densities

Cost effective

Maximum utilization of bleaching tower volume

User friendly

Minimal servicing thanks to non-contact, maintenance-free measurement

Level measurement and point level detection in the bleaching tower

In order to achieve the desired degree of whiteness, the pulp must be bleached. For this it is filled into the 25 meter high bleaching tower. The bleaching process runs continuously at temperatures up to 95 °C, with using chemicals such as oxygen, ozone or peroxide. The bleached pulp is discharged via screw conveyors. Due to its size, the bleaching tower is never emptied. Continuous level measurement enables a smooth process flow.



VEGAPULS 69

Non-contact level measurement with radar in the bleaching tower

- Rinsing air connection on the sensor prevents buildup
- Reliable measurement, even with fluctuating pulp density
- Wear and maintenance-free



VEGABAR 82

Hydrostatic level measurement for controlling stock discharge

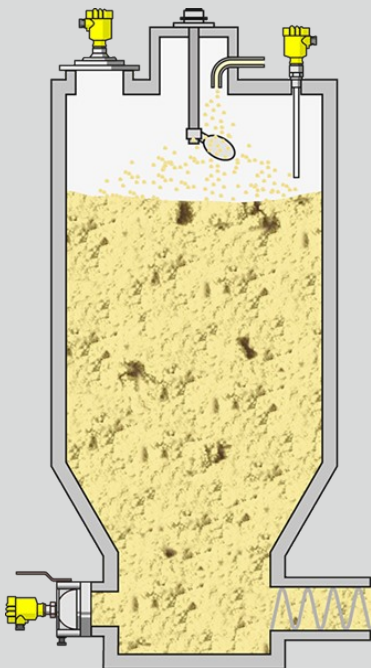
- Front-flush installation in the ball valve fitting
- Robust ceramic for long-term use
- High measurement accuracy, even with small measuring ranges



VEGACAP 64

Capacitive level detection as protection against overfilling

- Reliable function despite adhesive medium
- High-quality materials ensure good chemical resistance
- Maintenance-free





VEGAPULS 69	VEGABAR 82	VEGACAP 64
量程 - 距离 120 m	量程 - 距离 -	过程温度 -50 ... 200 °C
过程温度 -40 ... 200 °C	量程-压力 -1 ... 100 bar	过程压力 -1 ... 64 bar
过程压力 -1 ... 20 bar	过程温度 -40 ... 150 °C	型式 PTFE insulation
测量精度 ± 5 mm	过程压力 -1 ... 100 bar	接液材质 PTFE 316L 镍基热强合金 C22 Alloy 400 (2.4360) Steel C22.8
型式 带喇叭天线 ø 80 mm Metal jacketed lens antenna	测量精度 0,05 %	螺纹连接 ≥ G¾, ≥ ¾ NPT
接液材质 316L PP PEEK	接液材质 PVDF 316L 镍基热强合金 C22 PP 1.4057 1.4410 Alloy C276 (2.4819) 不锈钢 Duplex (1.44562) Titan Grade 2 (3.7035)	法兰连接 ≥ DN25, ≥ 1"
螺纹连接 G1½, 1½ NPT	螺纹连接 ≥ G½, ≥ ½ NPT	密封材料 no media contact
法兰连接 ≥ DN80, ≥ 3"	法兰连接 ≥ DN15, ≥ ½"	外壳材料 塑料 铝Aluminium 不锈钢, 精密铸件 不锈钢, 经电解抛光
密封材料 EPDM FKM	卫生型连接 Clamp ≥ 1" - DIN32676, ISO2852 管螺栓 ≥ 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 用于 NEUMO BioControl D50 PN16 / 316L	保护方式 IP 66/IP 68 (0.2 bar) IP 66/IP 67 IP 66/IP 68 (1 bar)
外壳材料 塑料 铝Aluminium 不锈钢, 精密铸件 不锈钢, 经电解抛光	密封材料 EPDM FKM FFKM	输出 继电器 (DPDT) 无触点开关 晶体管 (NPN/PNP) 两线制