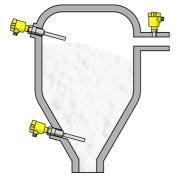


#### Reliable

Reliable function under all operating conditions

Cost effective Simple installation into existing vessels

User friendly Maintenance-free operation



# Buffer tank

# Buffer tank pressure measurement and point level detection

In the smelter, above the fused salt electrolysis bath there are small buffer tanks that are pneumatically fed via pipelines. The alumina powder is dispensed into the melt bath in small quantities from these tanks. The filling of the buffer tank is controlled by the feed pressure. Full and empty alarms ensure optimal charging of the powder.

### More details



# **VEGAWAVE 61**

Vibrating level switches as full and empty detectors in buffer tanks

- Reliable function in spite of buildup
- Long service life ensured by very robust construction
- Simple setup without adjustment

## **Show Product**

## **VEGABAR 82**

Pressure transmitter for monitoring pressure in the feed pipe

- High durability thanks to CERTEC® ceramic measuring cell
- Measurement immune to abrasion and buildup
- High operational reliability through SIL2 approval

### **Show Product**



PRO	PRO
VEGAWAVE 61 Show Product	VEGABAR 82 Show Product
Measuring range - Distance -	Measuring range - Distance -
Process temperature -50 250 °C	Measuring range - Pressure -1 100 bar
Process pressure -1 25 bar	Process temperature -40 150 °C
Version Standard Detection of solids in water	Process pressure -1 100 bar
with temperature adapter	Accuracy 0.05 %
Materials, wetted parts 316L	Materials, wetted parts
Threaded connection	316L
≥ G1½, ≥ 1½ NPT	Alloy C22 (2.4602)
Flange connection ≥ DN50, ≥ 2"	PP 1.4057 1.4410
<b>Hygenic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852	Alloy C276 (2.4819) Duplex (1.4462) Titanium Grade 2 (3.7035)
Seal material no media contact	Threaded connection ≥ G <sup>1</sup> / <sub>2</sub> , ≥ <sup>1</sup> / <sub>2</sub> NPT
Housing material Plastic Aluminium	Flange connection ≥ DN15, ≥ ½"
Stainless steel (precision casting)	Hygenic fittings
Stainless steel (electropolished)	Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 hygienic fitting with tension flange DN32

