

Reliable

Reliable function under all operating conditions

Cost effective

Simple installation into existing vessels

User friendly

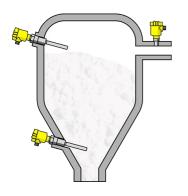
Maintenance-free operation

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



VEGAWAVE 61 Show Product



Measuring range - Distance

Process temperature

-50 ... 250 °C

Process pressure

-1 ... 25 bar

Version

Standard

Detection of solids in water with temperature adapter

Materials, wetted parts

316L

Threaded connection

≥ G1½, ≥ 1½ NPT

Flange connection

≥ DN50, ≥ 2"

Hygenic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

VEGABAR 82

Show Product



Measuring range - Distance

Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF

316L

Alloy C22 (2.4602)

PΡ

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

Threaded connection

 \geq G½, \geq ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ 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

for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM

FKM FFKM

