

Reliable

Reliable function despite abrasive

Cost effective

Automatic operation ensures optimum level at all times

User friendly

Maintenance-free operation



Wet deslagger

Level measurement in the wet deslagger

The hot, burned-out slag falls into the water quenching bath of the deslagger. A mechanical discharge mechanism pushes the slag out and, while doing so, presses out most of the entrained water. Evaporation and slag removal cause a steady loss of water. For that reason the water level in the deslagger has to be measured and replenished as required.

More details



VEGAPULS 6X

Level measurement with radar in the wet deslagger

- Precise measurement of small level differences
- Non-contact measurement unaffected by abrasion
- Exact measurement results even with density changes

Show Product



VEGAPULS 6X

Show Product



Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygenic fittings

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections \geq DN50 tube ø53 -

DIN11864-1-A

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

