



#### 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

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**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"

**Hygienic 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 ≥ DN50 tube ø53 -  
DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe ø53 - DIN11864-  
3-A

DRD connection ø 65 mm

SMS 1145 DN51