

Reliable

Operational reliability despite high temperatures

Cost effective

Maintenance-free operation

User friendly

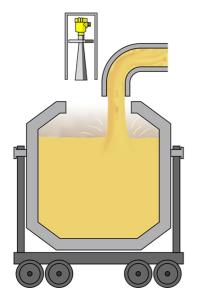
Simple installation, even in existing facilities

Torpedo car

Level measurement in torpedo cars

After the blast furnace is tapped, the molten pig iron flows into torpedo cars at a temperature of over 1400 °C, then transported to the foundry or converter for further processing. A reliable level measurement is a must for the safe, reliable filling of these torpedo cars.

More details





VEGAPULS 6X

Non-contact level measurement with radar in torpedo cars

- Exact measurement unaffected by high temperatures
- High plant availability, because maintenance-free
- Wear-free thanks to non-contact measurement

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

