



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.

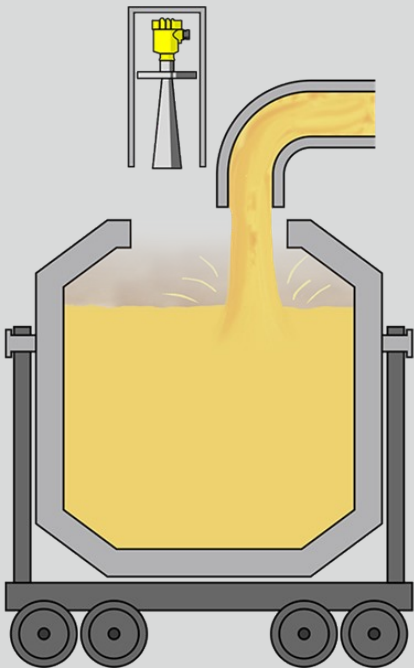
- Reliable
- Operational reliability despite high temperatures
- Cost effective
- Maintenance-free operation
- User friendly
- Simple installation, even in existing facilities



VEGAPULS 62

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





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Measuring range - Distance
35 m

Process temperature
-196 ... 450 °C

Process pressure
-1 ... 160 bar

Accuracy
± 2 mm

Frequency
26 GHz

Beam angle
≥ 3°

Version
for separate horn antenna
with ½" standpipe
with horn antenna ø 40 mm
with horn antenna ø 48 mm
with horn antenna ø 75 mm
with horn antenna ø 95 mm
with parabolic antenna ø 245 mm

Materials, wetted parts
316L
Alloy C22 (2.4602)
1.4848
Alloy 400 (2.4360)
Tantalum

Threaded connection
G1½, 1½ NPT

Flange connection
≥ DN50, ≥ 2"