

#### Reliable

Operational reliability despite high temperatures

# Cost effective

Maintenance-free operation

#### **User friendly**

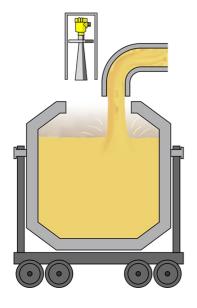
Simple installation, even in existing facilities

# 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

