



Tsunami warning system in the harbour

Reliable

Reliable, millimetre-exact detection of the sea level

Cost effective

No maintenance or cleaning required

User friendly

Simple installation, easy access to the measuring point at any time

Sea level measurement at the harbour wall

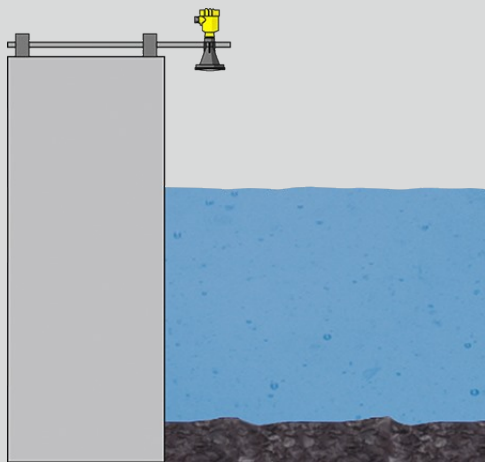
Tsunamis travel quickly and cause great damage when they hit land. So it is vital that tsunami warnings are issued early. Tsunami information centres continuously evaluate simultaneous data from seismic and sea level measuring stations. Such a sea level measuring station is operated by an oceanographic centre in a ferry and cargo-ship terminal. The measurement has to reliably and accurately detect the sea level and forward the data directly to the central monitoring system.



VEGAPULS 64

Sea level measurement with radar at the harbour wall

- Contactless and maintenance-free
- Precision focusing of the measurement signal allows mounting close to the harbour wall
- Reliable function, independent of weather and sea conditions





VEGAPULS 64

Measuring range - Distance

30 m

Process temperature

-196 ... 200 °C

Process pressure

-1 ... 25 bar

Accuracy

± 1 mm

Frequency

80 GHz

Beam angle

≥ 3°

Version

with plastic horn antenna ø 80 mm

Thread with integrated horn antenna

Flange with encapsulated antenna system

Hygienic fitting with encapsulated antenna system

Materials, wetted parts

PFA

PTFE

316L

Alloy C22 (2.4602)

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN50, ≥ 2"