

Reliable

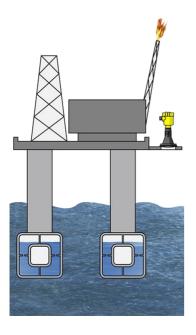
Reliable measurement for protection of personnel and equipment

Cost effective

Long service life thanks to the use of noncontact measurement method

User friendly

Simple mounting



Wave and draught height

Wave height measurement for a drilling and production platform

The height of floating drilling or pumping assets like platforms or FPSOs must be precisely maintained, even in the roughest seas with waves up to 30 m high. Environmental influences such as wind and waves must be measured quickly and accurately, then evaluated with GPS navigation data. Furthermore, quick and exact measurement of wave heights is needed should there be an evacuation, where "freefall lifeboats" need to be released to meet waves at their highest point.

More details



VEGAPULS 6X

Measuring wave heights with non-contact radar

- Reliable measurement, independent of wind, temperature and fog
- Focussed 80 GHz beam and fast reaction for precision measurement
- Simple installation thanks to low weight of the sensors

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

