

# VEGAPULS 64

## Waste Tank CHT Indicator



### OVERVIEW

The VEGAPULS 64 is a sensor for continuous level measurement of liquids. With small tanks or in case of narrow space the small process fittings offer special advantages.

The PULS64 operates on the 80GHz transmission frequency. This allows a 3 degree radar beam - the narrowest beam available for tank level indication. A 3 degree radar beam can avoid obstacles in the tank, is unaffected by debris on the tank walls, and will only reflect off the surface of the liquid in the tank.

### FEATURES

- Maintenance-free operation thanks to non-contact measuring principle
- High plant availability, because wear and maintenance free
- Exact measuring results independent of process conditions

# VEGAPULS 64 SPECIFICATIONS

## Technical Data

<b>Measuring Range</b>	30 m (98.43 ft)
<b>Process Fitting</b>	Thread from G $\frac{3}{4}$ , $\frac{3}{4}$ NPT, flanges from DN 50, 2", mounting strap, adapter flanges from DN 100, 4"
<b>Deviation</b>	≤ 1 mm

## Environmental

<b>Process Pressure</b>	-1 to 25 bar (-100 to 2500 kPa/ -14.5 to 362.6 psig)
<b>Process Temperature</b>	-196 to +200 °C (-321 to +392 °F)
<b>Ambient, storage, and transport temperature</b>	-40 to +80 °C (-40 to +176 °F)

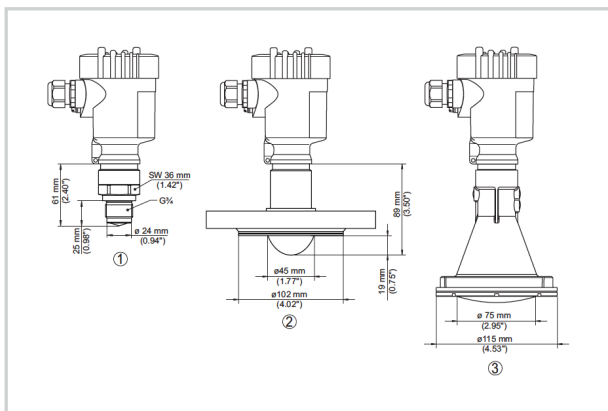
## Electrical

<b>Operating Voltage</b>	12 to 35 VDC
<b>Electronics Versions</b>	4 to 20 mA/HART HART Power Pack

## Materials

<b>Wetted Parts</b>	316L, PP, PTFE, or PEEK
<b>Display</b>	LCD in dot matrix
<b>Process Seal</b>	FKM, FFKM, EPDM, or PTFE
<b>Housing</b>	Plastic, Stainless Steel, or Aluminum
<b>Protection Rating</b>	Up to IP68 (1 bar)

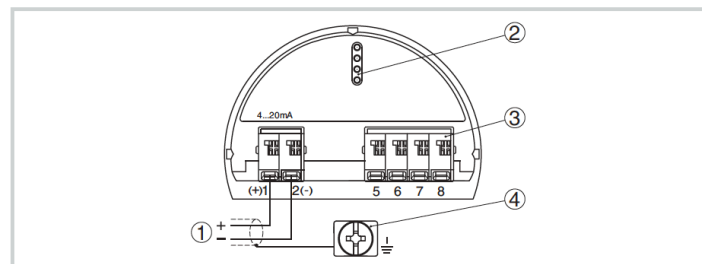
## Dimensions



Dimensions VEGAPULS 64

- 1 Version thread with integrated horn antenna
- 2 Version flange with encapsulated antenna system
- 3 Version, plastic horn antenna

## Electrical connection



Electronics and terminal compartment, single chamber housing

- 1 Voltage supply/Signal output
- 2 For display and adjustment module or interface adapter
- 3 For external display and adjustment unit
- 4 Ground terminal for connection of the cable screen