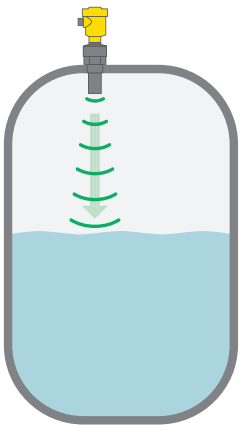


# Level I Ultrasonic



## Ultrasonic level measurement

In non-contact ultrasonic level measurement, the sensor emits ultrasonic pulses in the direction of the medium, which then reflects them back.

The elapsed time from emission to reception of the signals is proportional to the level in the tank. Ultrasonic sensors are ideal for simple standard applications, both for liquids and bulk solids.

### The advantages

- ✓ Non-contact level measurement for a wide range of media
- ✓ Suitable for bulk solids and liquids
- ✓ Adjustment without medium or filling

PRO

**VEGASON 61**



PRO

**VEGASON 62**



Application	Liquids and bulk solids in small vessels	Liquids and bulk solids in small vessels
Measuring range	Liquids: 0.25 ... 5 m Bulk solids: 0.25 ... 2 m	Liquids: 0.4 ... 8 m Bulk solids: 0.4 ... 3.5 m
Transducer	of PVDF	of PVDF
Process fitting	Thread G1½, 1½ NPT	Thread G2, 2 NPT
Process temperature	-40 ... +80 °C	-40 ... +80 °C
Process pressure	-0.2 ... +2 bar (-20 ... +200 kPa)	-0.2 ... +2 bar (-20 ... +200 kPa)
Accuracy	±10 mm	±10 mm
Signal output	4 ... 20 mA/HART, Profibus PA, Foundation Fieldbus	4 ... 20 mA/HART, Profibus PA, Foundation Fieldbus
Display/adjustment	PLICSCOM, PACTware/DTM, VEGADIS 81, VEGADIS 82	PLICSCOM, PACTware/DTM, VEGADIS 81, VEGADIS 82
Approvals	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, Ship, SIL2	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, Ship, SIL2
Benefit	✓ Maintenance-free operation through non-contact measuring method	