

# UWT

LEVEL. UP TO THE MAX.



**6** YEARS  
GUARANTEE  
APPROVED  
QUALITY

## NivoRadar® 7000

### RADAR SENSOR

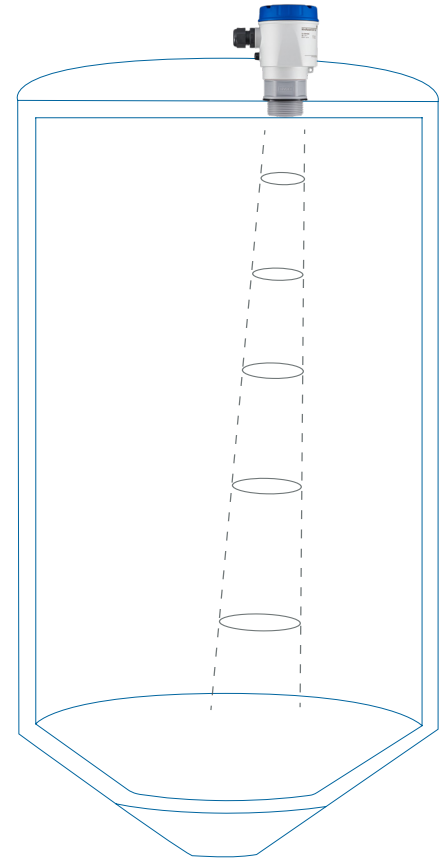
Continuous level measurement of liquids and bulk solids across most industrial sectors with the compact 80 GHz FMCW radar. The non-contact radar sensor is ideal for use in potentially explosive areas.



# NivoRadar® 7000



- 8° beam angle
- High precision measurement
- Compact 1 1/2" process connection (PVDF)
- Fast reaction time
- Various mounting accessories
- Easy installation and commissioning
- Excellent price/performance ratio
- Configuration via UWT LevelApp



NR 7100

Version without display

Measuring range up to 10 m

NR 7200

Version with display

Measuring range up to 20 m



## TECHNICAL DATA

Housing	PVDF IP66/ IP67, Type 4X
Certificates	ATEX, IEC-Ex, cFMus, INMETRO, KC, FCC, IC (Gas explosion protection) WHG
Measuring range	10 m / 20 m
Measurement accuracy	± 2 mm
Pressure range	-1 .. + 3 bar (-14.5 .. + 43.5 psi)
Supply voltage	12 - 35 V DC
Process connection	NPT 1 1/2", R 1 1/2", G 1 1/2" Mounting accessories, adjustable seal
Process temperature range	- 40 °C .. + 80 °C (- 40 °F .. +176 °F)
Signal output Communication	4...20 mA, 2-wire HART
Sensitivity	DK value ≥ 1,1
Material sensor	PVDF, FDA registered
Frequency	80 GHz FMCW

Thanks to the high degree of ingress protection and the durable materials, the sensor is ideal for liquid applications and can also be used in smaller container. The measurement is carried out up to the antenna with no blocking distance in the upper zone.

The sensor values can be set or read directly on the device via the optional LED display.

UWT LevelApp  
Wireless sensor setting



Google Play



Apple Store