



# NivoGuide<sup>®</sup> 8000

## Guided Wave Radar

Guided radar for continuous level and interface measurement of all kinds of liquids. The sensor is reliable and accurate and suitable for use in many different industries and applications. The intelligent software ensures that the sensor delivers precise measurement values.



# NivoGuide® 8000



Customizable extensions

- For use in tanks and pipes
- Coaxial version
- Precise measurement values even in applications with buildup, foam formation or condensation
- Second line of defense (optional)
- Comprehensive diagnostic functions

**Applications:** The NivoGuide® 8000 can be used for continuous level and interface measurement of all kinds of liquids, pastes, foam and sludge.

NG 8100

NG 8200



## Technical Data

<b>Housing</b>	Aluminium IP 68, Stainless Steel	
<b>Certificates</b>	ATEX, IEC-Ex, FM, INMETRO, TR-CU (Dust explosion-proof, Flameproof, Intrinsically safe)	
<b>Measuring range</b>	Rod version	max. 6 m (236 inch)
	Rope version	max. 75 m (2952 inch)
<b>Process temp. range</b>	-196 °C to +450 °C (-321 °F to +842 °F)	
<b>Pressure range</b>	-1 to +400 bar (-14,5 to +5801.5 psig)	
<b>Sensitivity</b>	DK value ≥ 1.4	
<b>Supply voltage</b>	9.6..35V DC, 2-wire	
<b>Meas. signal</b>	4 - 20 mA / HART	
<b>Process connection</b>	Thread from G $\frac{3}{4}$ , $\frac{3}{4}$ NPT range of flanges	
<b>Process connect. material</b>	1.4404 (SS316L) / 1.4435 (SS316L)	
<b>Probe material</b>	Stainless Steel	1.4404 (SS316L) / 1.4401 (SS316)
	Coating PA Isolation FKM / FFKM / EPDM / Silicone FEP jacketed Temperature version with ceramic isolation	

## Housing types

Standard

Stainless Steel

Two Chamber



## Integrated display and adjustment module



Lid with viewing window

Plug-in display module



- Comprehensive diagnostic functions
- Display of latest measured values, operating parameters and diagnostic data
- Parameters entered can be transferred to other devices (optional)