



NivoGuide[®] 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 Rod version

Extension max. 6m
Customizable rod lengths



NG 8100 Rope version

Extension max. 75m
Customizable rope lengths



Technical Data

Housing	Aluminium IP 68, Stainless Steel	
Certificates	ATEX, FM	
Measuring range	Rod version	max. 6m (236 inch)
	Rope version	max. 75m (2952 inch)
Process temp. range	-40°C to +200°C (-40°F to +392°F)	
Pressure range	-1 to +40 bar (-14,5 to +580 psig)	
Sensitivity	DK value ≥1.6	
Supply voltage	9.6..35V DC, 2-wire	
Meas. signal	4 - 20 mA/ HART	
Process connection	Thread from G¾, ¾ NPT range of flanges	
Process connect. material	1.4404 (SS316L) / 1.4435 (SS316L)	
Probe material	Stainless Steel	1.4404 (SS316L) / 1.4401 (SS316)
	Coating PA	
	Isolation FKM / FFKM / EPDM / Silicone FEP jacketed	

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)