



# NivoGuide<sup>®</sup> 3000

## Guided Wave Radar

Guided wave sensor for continuous level measurement of bulk solids. 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® 3000

- For use in silos and process containers suitable for a variety of industrial applications
- Precise measurement values even in applications with strong dust generation, condensation or buildup
- Comprehensive diagnostic functions

**Applications:** The NivoGuide® 3000 can be used for continuous level measurement of virtually any kind of bulk solid material.

## NG 3100 Rod version

Extension max. 6 m  
Customizable rod lengths



## NG 3100 Rope version

Extension max. 75 m  
Customizable metal rope lengths



Customizable  
extensions



## 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>	-40 °C to +200 °C (-40 °F to +392 °F)	
<b>Pressure range</b>	-1 to +40 bar (-14,5 to +580 psig)	
<b>Sensitivity</b>	DK value $\geq 1.5$	
<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 $\frac{1}{4}$ , $\frac{1}{2}$ 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	

## 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)