



6 YEARS GUARANTEE
APPROVED QUALITY

NivoGuide[®] 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



Customizable extensions

- 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.

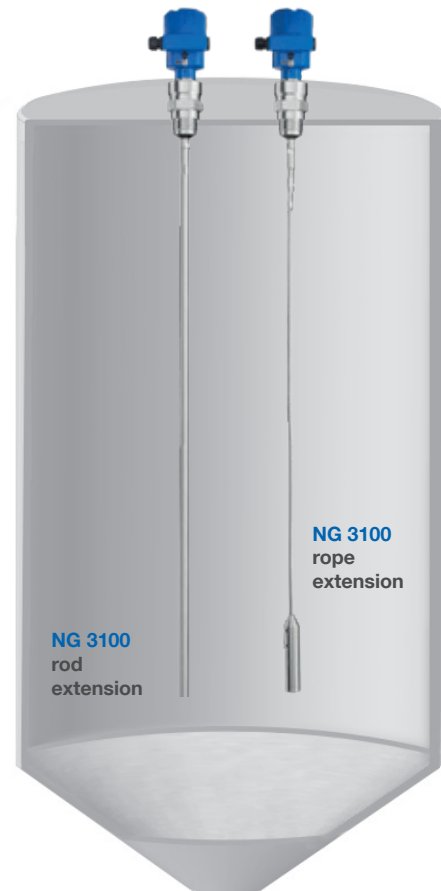
NG 3100 Rod version

Extension max. 6m
Customizable rod lengths



NG 3100 Rope version

Extension max. 75m
Customizable metal rope lengths



Technical Data

Housing	Aluminium IP 68, Stainless steel	
Certificates	ATEX, IEC-Ex, FM, INMETRO, TR-CU (Dust explosion-proof, Flameproof, Intrinsically safe)	
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 ≥ 1.5	
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	

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)