

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

NivoGuide® 3000

TDR GUIDED WAVE RADAR SENSOR

The NivoGuide® 3000 can be used for continuous level measurement of virtually any kind of bulk solid material. The intelligent software ensures that the sensor delivers precise measurement values.



NivoGuide® 3000

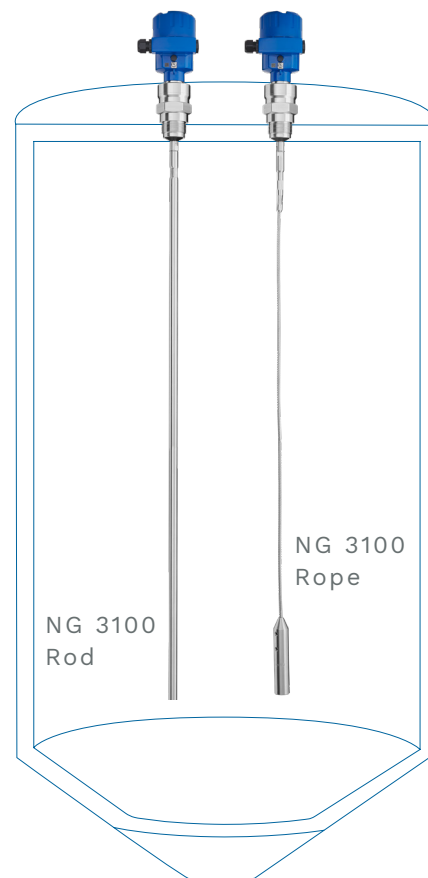
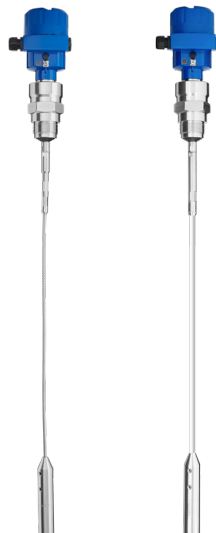


- For use in silos and process containers suitable for a variety of industrial applications
- Precise measurement values even in applications with strong dust generation, condensation or buildup
- Comprehensive diagnostic functions

NG 3100 Rod version
Customizable rod lengths



NG 3100 Rope version
Customizable metal rope lengths



TECHNICAL DATA

Housing	Aluminium IP 68, Stainless steel
Certificates	ATEX, IEC-Ex, FM, INMETRO, TR-CU, UKEX, SIL 2 (Dust explosion-proof, Flameproof, Intrinsically safe)
Measuring range	Rod max. 6 m (236 inch) Rope max. 75 m (2952 inch)
Process temp. range	-40 °C .. +200 °C (-40 °F .. +392 °F)
Pressure range	-1 .. +40 bar (-14.5 .. +580 psig)
Sensitivity	DK value \geq 1.5
Supply voltage	9,6..35 V DC, 2-wire
Meas. signal	4 - 20 mA / HART
Process connection	Thread from G $\frac{3}{4}$, $\frac{3}{4}$ NPT Range of flanges
Process connect. material	Stainless steel 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



Lid with viewing window

Plug-in display module



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