

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

NivoGuide® 8000

TDR GUIDED WAVE RADAR SENSOR

The NivoGuide® 8000 can be used for continuous level and interface measurement of all kinds of liquids, pastes, foam and sludge. The intelligent software ensures that the sensor delivers precise measurement values.



NivoGuide® 8000

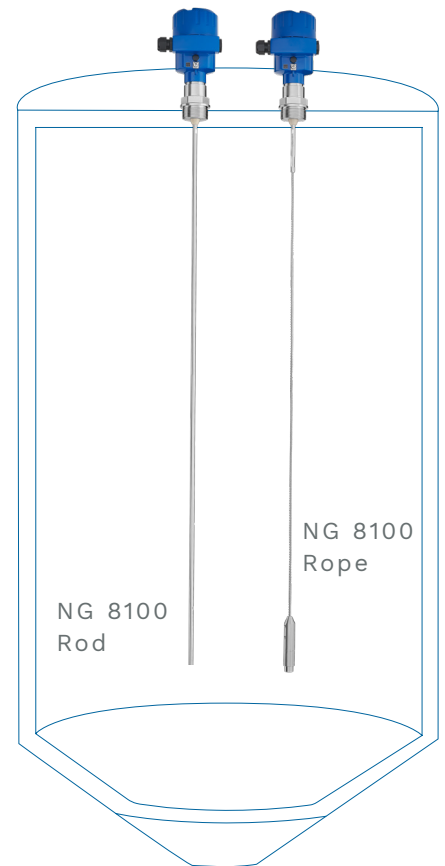


- Precise measurement values even in applications with buildup, foam formation or condensation
- Comprehensive diagnostic functions
- Second line of defense (optional)
- For use in tanks and pipes
- Coaxial version

NG 8100



NG 8200



TECHNICAL DATA

Housing	Aluminium IP 68, Stainless Steel
Certificates	ATEX, IEC-Ex, FM, INMETRO, TR-CU, 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	-196 °C .. +450 °C (-321 °F .. +842 °F)
Pressure range	-1 .. +400 bar (-14.5 .. +5801.5 psig)
Sensitivity	DK value ≥ 1.4
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)
Material Sonde	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



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