

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

NivoCapa® 8000

CAPACITANCE LEVEL TRANSMITTER

NivoCapa® 8000 is suitable for liquids, pastes, foam and slurry.

High precision level monitoring of conductive and non-conductive materials.



NivoCapa® 8000



- Very user-friendly through LCD display with control buttons and diagnostic function
- “Active Shield Technology” against material build-up ensures high functional safety
- PFA isolation for high chemical resistance
- Inverse Frequency Shift Technology
- Potted electronics

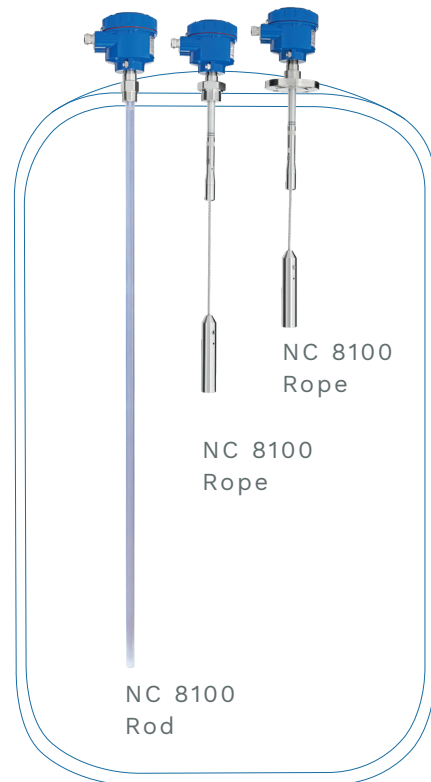
NC 8100 Rod



NC 8100 Coax



NC 8100 Rope



TECHNICAL DATA

Housing	Aluminium powder coated, IP68/NEMA 4
Certificates	ATEX, FM / CSA, TR-CU, INMETRO, KC, UKEX (Dust explosion-proof, Flameproof) Lloyd's
Shaft length	Rod version max. 5m Rope version max. 25m
Process temp. range	-40 °C .. +200 °C (-40 °F .. +392 °F)
Pressure range	-1 .. +35 bar (-14,5 .. +507.6 psi)
Sensitivity	DK value ≥ 1.5
Supply voltage	12..30 V DC, 2-wire current loop
Measurement signal	Current loop - 20 mA or 20 - 4 mA according to NAMUR NE 43
Measurement range	1.66 .. 3.300 pF
Process connection	\geq NPT $\frac{3}{4}$ ", \geq R $\frac{3}{4}$ ", \geq G $\frac{3}{4}$ ", Range on flanges
Process con. material	1.4404 (316L)
Probe material	1.4404 (316L), isolation PEEK, Coating PFA, Wetted seals FKM / FFKM