



# NivoCapa<sup>®</sup> 8000

## Capacitance Level Transmitter

Capacitive continuous measurement for all kinds of liquids.  
High precision level monitoring of conductive and non-conductive materials.



# NivoCapa<sup>®</sup> 8000

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

**Applications:** NivoCapa<sup>®</sup> 8000 is suitable for liquids, pastes, foam and slurry.

Inverse Frequency Shift Technology



NC 8100 Rod



NC 8100 Coax



NC 8100 Rope



## Technical Data

<b>Housing</b>	Aluminium powder coated, IP68/NEMA 4
<b>Certificates</b>	ATEX, FM / CSA, TR-CU, INMETRO (Dust explosion-proof, Flameproof) Lloyd's
<b>Shaft length</b>	Rod version max. 5 m Cable version max. 25 m
<b>Process temp. range</b>	-40 °C to +200 °C (-40 °F to +392 °F)
<b>Pressure range</b>	-1 to +35 bar (-14.5 to +507.6 psi)
<b>Sensitivity</b>	DK value ≥1.5
<b>Supply voltage</b>	12..30V DC, 2-wire current loop
<b>Measurement signal</b>	Current loop 4 - 20 mA or 20 - 4 mA according to NAMUR NE 43
<b>Measurement range</b>	1.66 .. 3.300 pF
<b>Process connection</b>	≥ NPT 3/4", ≥ R 3/4", ≥ G 3/4", range of flanges
<b>Process con. material</b>	1.4404 (316L)
<b>Probe material</b>	1.4404 (316L), isolation PEEK, coating PFA, wetted seals FKM or FFKM