



NivoCapa[®] 8000

Capacitance Level Transmitter

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



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

Inverse Frequency Shift Technology



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, Lloyd's	
Shaft length	Rod version	max. 5m
	Cable version	max. 25m
Process temp. range	-40°C to +200°C (-40°F to +392°F)	
Pressure range	-1 to +35 bar (-14.5 to +507.6 psi)	
Sensitivity	DK value ≥ 1.5	
Supply voltage	12..24V DC, 2-wire current loop	
Measurement signal	Current loop 4 - 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 of flanges	
Process con. material	1.4404 (316L)	
Probe material	1.4404 (316L), isolation PEEK, coating PFA, wetted seals FKM or FFKM	