



NEW



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.

NC 8100 Rod Version

Shaft length max. 5m
Active probe diameter 19mm
Horizontal rod loading max. 30Nm



NC 8100 Rope Version

Shaft length max. 25m
Active probe diameter 6mm
Vertical cable loading max. 18.5KN



Inverse Frequency
Shift Technology



Technical Data

Housing	Aluminium powder coated, IP68/NEMA 4	
Certificates	ATEX, FM/CSA, TR-CU, INMETRO, WHG	
Measuring range	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	≥ NPT ¾", ≥ R ¾", ≥ G ¾", range of flanges	
Process con. material	1.4404 (316L)	
Probe material	1.4404 (316L), isolation PEEK, coating PFA, wetted seals FKM or FFKM	