



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

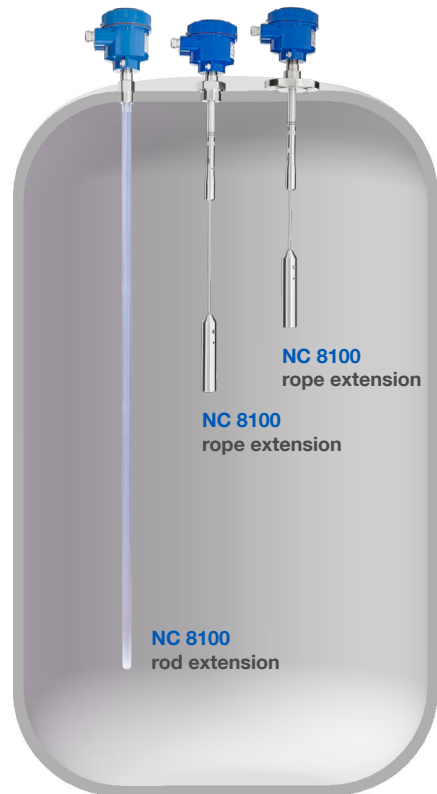


NC 8100 Rope Version

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, Lloyd's
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	\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