



Capanivo® 8000

Capacitance Level Switch

Capacitive level detection for all kinds of liquids.
Versatile smart versions to suit a variety of applications.



Capanivo® 8000

- Flexible use, range of process connections, hygiene versions, digital version with LCD
- Potted electronics, "Tip Sensitivity" against material build-up ensures high functional safety
- High safety standard

Applications: Capanivo® 8000 is suitable for liquids, pastes, foam and slurry as well as for interface measurement.

CN 8100 Compact

Full, demand, empty detector
Compact version,
Vertical, horizontal and oblique
installation



CN 8100 Pipe

Full, demand, empty detector
Version with pipe extension,
Sliding sleeve option,
Vertical, horizontal and oblique
installation



CN 8100 Cable

Full, demand, empty detector
Version with cable extension,
Up to 30m,
Vertical installation

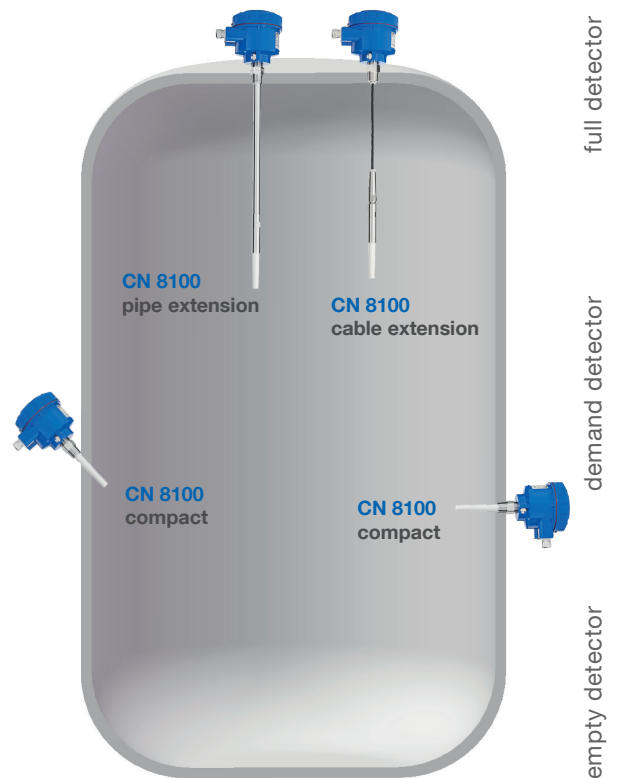


Remote Version

Full, demand, empty detector
Remote version ie for
applications with vibration,
Vertical, horizontal and oblique
installation



Inverse Frequency
Shift Technology



Technical Data

Housing	Aluminium powder coated, IP68/NEMA 4
Certificates	ATEX, FM/CSA, TR-CU, INMETRO, WHG, Lloyd's
Shaft length	Rod version max. 5.5m Rope version max. 30m
Process temp. range	-40°C to +125°C (-40°F to +257°F)
Pressure range	-1 to +25 bar (-14,5 to +362,5 psi)
Sensitivity	DK value ≥ 1.5
Supply voltage	12..250V AC/DC 12..30V DC Profibus PA
Process connection	$\geq \text{NPT } \frac{3}{4}"$, $\geq \text{R } \frac{3}{4}"$, $\geq \text{G } \frac{3}{4}"$, range of flanges, triclamp
Process con. material	1.4404 (316L)
Probe material	Plastic PPS (reinforced glass fibre), FDA listed, PVDF, cable version: FEP jacketed cable
Signal output	Relay switch SPDT/solid state switch, Profibus PA/solid state switch
Signal delay	Integrated adjustable time delay of the signal output