



# Capanivo<sup>®</sup> 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.

Inverse Frequency Shift Technology



## CN 8100 Compact

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



## CN 8100 Tube

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



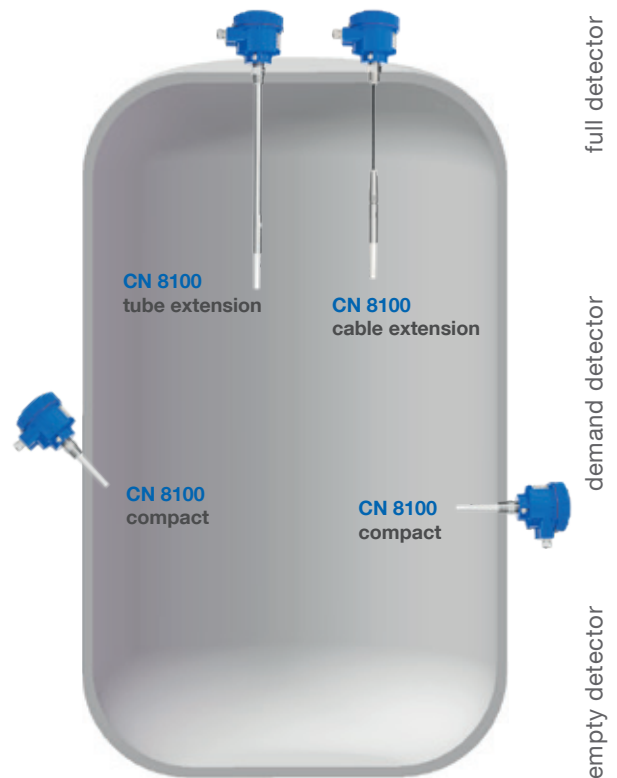
## CN 8100 Cable

**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



## Technical Data

<b>Housing</b>	Aluminium powder coated, IP68/NEMA 4
<b>Certificates</b>	ATEX, FM / CSA, TR-CU, INMETRO (Dust explosion-proof, Flameproof, Intrinsically safe, Type of protection n) WHG, Lloyd's
<b>Shaft length</b>	Rod version max. 5.5m Rope version max. 30m
<b>Process temp. range</b>	-40 °C to +125 °C (-40 °F to +257 °F)
<b>Pressure range</b>	-1 to +25 bar (-14,5 to +362,5 psi)
<b>Sensitivity</b>	DK value $\geq 1.5$
<b>Supply voltage</b>	12..250V AC/DC 12..30V DC Profibus PA (24V for IS version)
<b>Process connection</b>	$\geq$ NPT $\frac{3}{4}$ ", $\geq$ R $\frac{3}{4}$ ", $\geq$ G $\frac{3}{4}$ ", range of flanges, triclamp
<b>Process con. material</b>	1.4404 (316L)
<b>Probe material</b>	Plastic PPS (reinforced glass fibre), FDA listed, PVDF, cable version: FEP jacketed cable
<b>Signal output</b>	Relay switch SPDT/solid state switch, Profibus PA/solid state switch
<b>Signal delay</b>	Integrated adjustable time delay of the signal output