



**6** YEARS  
GUARANTEE  
APPROVED  
QUALITY

# Capanivo<sup>®</sup> 7000

## Capacitance Level Switch

Capacitive level detection for all kinds of liquids.  
Very compact for flexible use in a variety of applications.



# Capanivo® 7000

- Flexible use, compact design with threads from 3/4", enclosure- or integral version
- Potted electronics, "Tip Sensitivity" against material build-up ensures high functional safety
- Chemical resistance, optional PVDF probe, SensGuard protective sleeve

**Applications:** Capanivo® 7000 is suitable for liquids, pastes, foam and slurry as well as for interface measurement.



Inverse Frequency Shift Technology

## CN 7100 Enclosure Version

### Full, demand, empty detector

Compact enclosure version  
Vertical, horizontal and oblique installation



## CN 7100 Synthetic Version

### Full, demand, empty detector

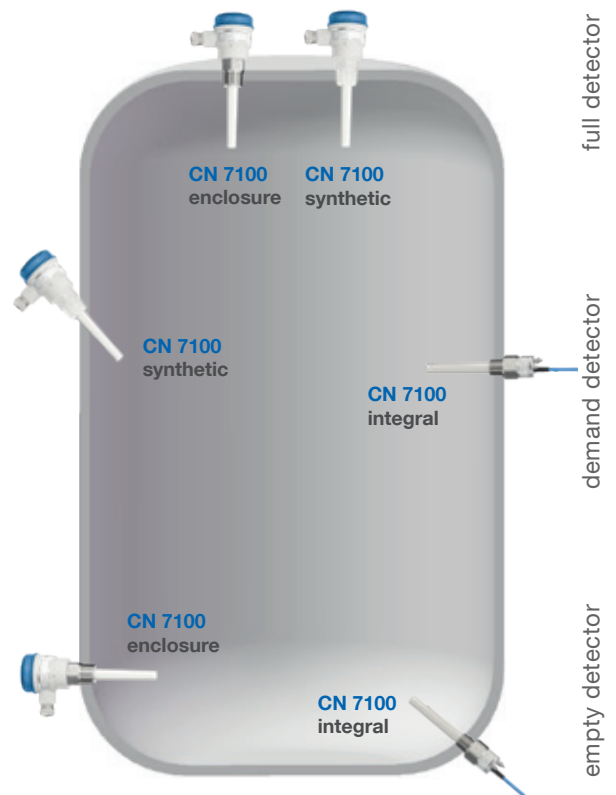
Compact synthetic version  
Vertical, horizontal and oblique installation



## CN 7100 Integrated Cable Version

### Full, demand, empty detector

Integrated cable version  
Vertical, horizontal and oblique installation



## Technical Data

<b>Housing</b>	Enclosure version VALOX® (polyester), lid polycarbonate (PC), IP68
<b>Certificates</b>	ATEX, FM / CSA, TR-CU, INMETRO (Intrinsically safe) WHG, Lloyd's
<b>Process temp. range</b>	-30 °C to +100 °C (-22 °F to +212 °F)
<b>Pressure range</b>	-1 to +10 bar (-14,5 to +145 psi)
<b>Sensitivity</b>	DK value ≥ 1,5 adjustable with potentiometer
<b>Supply voltage</b>	12..33V DC (IS: 10..30V DC)
<b>Process connection</b>	NPT 3/4", R 1", G 1"
<b>Process con. material</b>	Plastic PPS (reinforced glass fibre), FDA listed, food grade material, 316L
<b>Probe material</b>	Plastic PPS (reinforced glass fibre), FDA listed, food grade material, PVDF
<b>Signal output</b>	2-wire 4/20mA, solid state switch, relay switch