



Capanivo[®] 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

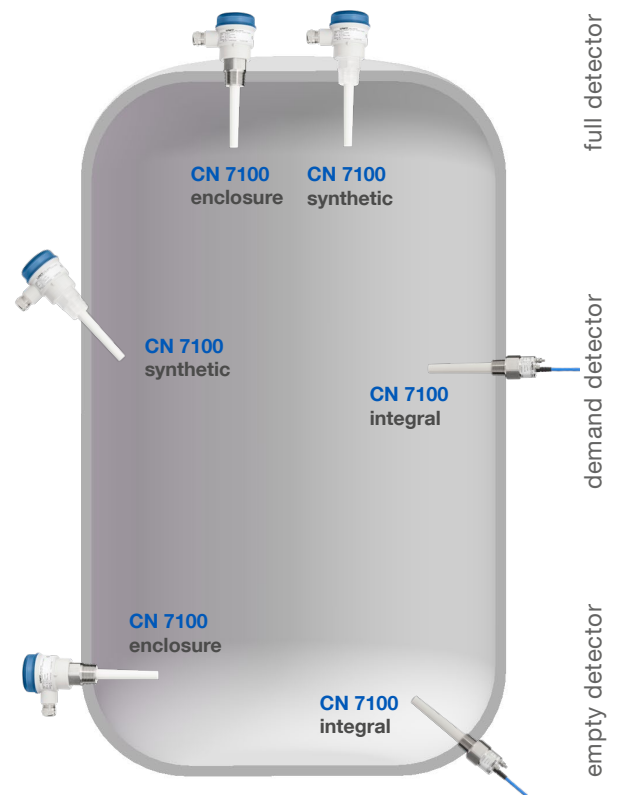
Compact synthetic version
Vertical, horizontal and oblique installation



CN 7100 Integrated Cable Version

Full, demand, empty detector

Integrated cable version
Vertical, horizontal and oblique installation



Technical Data

| | |
|------------------------------|---|
| Housing | Enclosure version VALOX® (polyester), lid polycarbonate (PC), IP68 |
| Certificates | ATEX, FM/CSA, TR-CU, INMETRO, WHG, Lloyd's |
| Process temp. range | -30°C to +100°C (-22°F to +212°F) |
| Pressure range | -1 to +10 bar (-14,5 to +145 psi) |
| Sensitivity | DK value < 2.0 adjustable with potentiometer |
| Supply voltage | 12..33V DC |
| Process connection | NPT 3/4", R 1", G 1" |
| Process con. material | Plastic PPS (reinforced glass fibre), FDA listed, food grade material, 316L |
| Probe material | Plastic PPS (reinforced glass fibre), FDA listed, food grade material, PVDF |
| Signal output | 2-wire 4-20mA, solid state switch, relay switch |