

# Innovative Sensors for Solids



## Rotonivo®

Rotary Paddle Switch

### RN 3/4/6

Point level measurement

- Universal voltage electronics
- -40 °C to +1,100 °C
- Adjustable sensitivity
- Fail safe alarm
- EHEDG applications



## Vibranivo®

Vibrating Fork

### VN 1/2/4/5/6

Point level and interface measurement

- Very high sensitivity (< 5g/l - Vibrasil®)
- NAMUR Standard
- Level control of sediments in liquids
- Surface roughness 0.75 µm



## Mononivo®

Vibrating Rod

### MN 4000

Point level measurement

- Coarse-grained granulate
- Compact limit switch with threads from 1"
- Sensitivity adjustable in 4 settings
- Robust version for overpressure up to 16 bar



## RFnivo®

Capacitive Sensor

### RF 3000

Point level measurement

- Robust version for overpressure up to 25 bar
- -40 °C to +500 °C
- EHEDG applications
- PROTECTION PLUS version with anti-corrosive coating



"Active Shield" Technology

## Capanivo®

Capacitive Sensor

### CN 4000

Point level measurement

- Use in metallic and non-metallic containers possible
- Unaffected by build-up
- Adjustable switching delay
- High chemical resistance



"Active Shield" Technology

## Nivobob®

Electromechanical Lot

### NB 3/4

Continuous level and interface measurement

- Suitable for material with changing temperature and humidity
- Integrated tape cleaner
- Unaffected by electrostatic charge
- Service life up to 500,000 measuring cycles



## NivoRadar®

Radar Sensor

### NR 3000

Continuous level measurement

- Measurement range of up to 100m
- 78 GHz technology
- 4° beam angle
- Integrated lens cleaner
- Quick Start Wizard



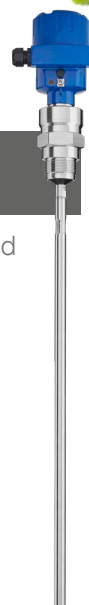
## NivoGuide®

Guided Radar

### NG 3000

TDR for continuous level and interface measurement

- Rod and rope extension (up to 75m)
- 4...20mA/Hart
- Robust version for overpressure up to 40 bar
- Unaffected by build-up
- Precise measurement in dusty environment



# Innovative Sensors for Liquids



## RFnivo®

Capacitive Sensor

### RF 8000

Point level and interface measurement

- High chemical resistance
- Unaffected by build-up
- Robust design
- -40 °C to +400 °C
- Digital version with LCD



## Capanivo®

Capacitive Sensor

### CN 7000

Point level and interface measurement

- Use in metallic and non-metallic containers possible
- Unaffected by build-up
- Compact design
- Contact or contact-free detection
- For leakage detection



"Tip Sensitivity"  
Technology

## Capanivo®

Capacitive Sensor

### CN 8000

Point level and interface measurement

- Use in metallic and non-metallic containers possible
- Unaffected by build-up
- Detection of broad range of material
- Transistor output, relay, Profibus PA
- For leakage detection



"Active Shield"  
Technology

## NivoCapa®

Capacitive Sensor

### NC 8000

Continuous level measurement

- Use in non-conductive liquids and foam
- PFA isolation for high chemical resistance
- 2-wire technology with analogue 4...20 mA output
- LCD display with control buttons
- Diagnostic functions



## NivoGuide®

Guided Radar

### NG 8000

TDR for continuous level and interface measurement

- 4...20 mA/Hart
- Rod and rope extension (up to 75 m)
- Coaxial version optional
- For extremely high pressure up to 400 bar
- Precise measurement in steam, condensate and build-up

