

## 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
- Hygienic applications
- SIL 2



### Vibranivo®

Vibrating Fork

VN 1/2/4/5/6  
Point level and  
interface measurement

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



### Mononivo®

Vibrating Rod

MN 4  
Point level  
measurement

- Coarse-grained granulate and fine powder
- Threads from 1"
- Sensitivity adjustable in 4 settings
- For overpressure up to 16 bar

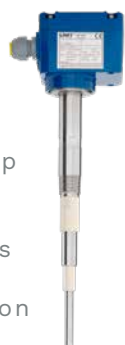


### RFnivo®

Capacitive Sensor

RF 3  
Point level  
measurement

- For overpressure up to 25 bar
- -40 °C to +500 °C
- EHEDG applications
- PROTECTION PLUS anticorrosive version



### Capanivo®

Capacitive Sensor

CN 4  
Point level  
measurement

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



### NivoBob®

Electromechanical Lot

NB 3/4  
Continuous level and  
interface measurement

- For changing temperature and humidity
- Integrated tape cleaner
- Unaffected by electrostatic charge
- Up to 500,000 measuring cycles



### NivoRadar®

Non-contact Radar

NR 3  
Continuous level  
measurement

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



### NivoRadar®

Non-contact Radar

NR 4  
Continuous level  
measurement

- Compact design with 1" connection thread (PVDF)
- 80 GHz technology
- 4° narrow beam angle
- 4...20mA / Hart
- Potted PVDF housing
- UWT LevelApp



### NivoGuide®

Guided-wave Radar | TDR

NG 3  
Continuous level and  
interface measurement

- Adaptable rod / rope extension up to 75 m
- 4...20mA / Hart
- For overpressure up to 40 bar
- For build-up / dust
- SIL 2



## SENSORS FOR LIQUIDS



### RFnivo®

Capacitive Sensor

RF 8  
Point level and  
interface measurement

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



### Capanivo®

Capacitive Sensor

CN 7  
Point level and  
interface measurement

- Compact sensor from 1/2" connection thread
- Hygienic design
- Resistant PVDF probe
- Suitable for SIP and CIP
- M12 connector
- IO-Link



### Capanivo®

Capacitive Sensor

CN 8  
Point level and  
interface measurement

- Use in non-metallic containers possible
- Active Shield
- Transistor output, relay, Profibus PA
- Leakage detection
- SIL 2



### NivoCapa®

Capacitive Sensor

NC 8  
Continuous level and  
interface measurement

- Use in non-conductive liquids and foam
- PFA isolation for high chemical resistance
- For overpressure up to 35 bar
- 2 - wire technology with analogue 4...20 mA output
- LCD & control buttons
- Diagnostic functions



### NivoRadar®

Non-contact Radar

NR 7  
Continuous level  
measurement

- Compact with 1 1/2" connection thread (PVDF)
- 80 GHz technology
- 8° narrow beam angle
- 4...20mA / Hart
- Potted electronics
- UWT LevelApp

### NivoGuide®

Guided-wave Radar | TDR

NG 8  
Continuous level and  
interface measurement

- Adaptable rod / rope extension up to 75 m
- 4...20 mA / Hart
- Coaxial version
- For high pressure up to 400 bar
- Precise in steam, condensate and build-up
- SIL 2

