

Innovative Sensors for Solids

6 YEARS
GUARANTEE
APPROVED
QUALITY



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



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



NivoBob®

Electromechanical Lot

NB 3/4

Continuous level and interface measurement

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



NivoRadar®

Non-contact Radar

NR 3000

Continuous level measurement

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



NivoRadar®

Non-contact Radar

NR 4000

Continuous level measurement

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



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

6 YEARS
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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



Active Shield
Technology

Capanivo®

Capacitive Sensor

CN 7000

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 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



NivoCapa®

Capacitive Sensor

NC 8000

Continuous level and interface measurement

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



NivoRadar®

Non-contact Radar

NR 7000

Continuous level measurement

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



NivoGuide®

Guided Radar

NG 8000

TDR for continuous level and interface measurement

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



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