

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 120 m
- 80 GHz technology
- 3° narrow beam angle
- Integrated lens cleaner
- UWT LevelApp
- SIL 2 / 3



NivoRadar®

Non-contact Radar

NR 4
Continuous level
measurement

- Compact design with 1" connection thread (PVDF)
- 80 GHz technology
- 4° narrow beam angle
- 4...20 mA / 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, Modbus
- For overpressure up to 40 bar
- UWT LevelApp
- SIL 2 / 3



SENSORS FOR LIQUIDS



Vibranivo®

Vibrating Fork

VN 7
Point level measurement

- Compact design with ½" process connection
- Hygienic design, hygiene adapter
- Signal LED, colours selectable
- M12 stainless steel version (IP 69K / Type 6P)
- Tube extension
- IO-Link



RFnivo®

Capacitive Sensor

RF 8
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 7
Point level and interface measurement

- Compact sensor from ½" connection thread
- Hygienic design
- Resistant PVDF probe
- Suitable for CIP / SIP
- M12 connector
- IO-Link

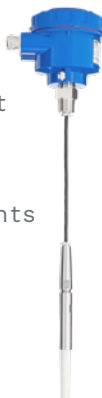


Capanivo®

Capacitive Sensor

CN 8
Point level and interface measurement

- Use in non-metallic containers possible
- Explosive environments
- Transistor output, relay, Profibus PA
- Leakage detection
- SIL 2 / 3



NivoRadar®

Non-contact Radar

NR 7
Continuous level measurement

- Compact design with 1 ½" connection thread (PVDF)
- 80 GHz technology
- 8° narrow beam angle
- 4...20mA / Hart
- Potted electronics
- UWT LevelApp



NivoRadar®

Non-contact Radar

NR 8
Continuous level measurement

- ¾" process connection
- Temperature solutions -196 °C to +450 °C
- 80 GHz technology
- 3° narrow beam angle
- Potted electronics
- Pressure-resistant design
- UWT LevelApp
- SIL 2 / 3



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
- Up to 400 bar
- Precise in steam, condensate and build-up
- SIL 2 / 3



NivoCapa®

Capacitive Sensor

NC 8
Continuous level and interface measurement

- Use in non-conductive liquids and foam
- PFA isolation for high chemical resistance
- Up to 35 bar
- 2-wire technology with analogue 4...20 mA output
- Diagnostic functions
- LC Display & control button



6 YEARS GUARANTEE
APPROVED QUALITY

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