



LEVEL. UP TO THE MAX.

HYGIENIC. CERTIFIED. SAFE.

Reliable level measurement technology for sensitive processes is a key component in hygiene-critical applications within the food, beverage, and pharmaceutical industries. Modern sensor solutions with EHEDG-compliant design, Tri-Clamp connection, and CIP / SIP compatibility enable safe and hygienic integration into demanding process environments.



PROCESS HYGIENE

- Use of food-grade materials
- Smooth, crevice-free surfaces with no dirt traps – zero dead space
- EHEDG-certified for hygienic design
- FDA-compliant seals: FKM, EPDM or PTFE



TRI-CLAMP ADAPTER

- Tool-free quick connection according to DIN, ISO, 3-A and ASME BPE
- Hygienic integration into tanks, pipelines & systems
- Easily detachable for maintenance
- Hygiene-optimized design for CIP / SIP processes



CIP & SIP

- Cleaning in Place (CIP): Automated cleaning without disassembly
- Sterilization in Place (SIP): Germ-free processes using steam or chemicals
- Resistant to chemicals, pressure, and temperature
- Consistent cleaning ensures stable product quality

HYGIENE STANDARDS THAT DELIVER. CERTIFIED SENSORS FOR SENSITIVE PROCESSES.

DESIGN THAT GUARANTEES CLEANLINESS

Materials you can rely on

Stainless steel 316L / 1.4404 meets high standards for corrosion resistance, food safety, and cleanability – for safe and continuous operation.

Temperature and pressure resistance – for demanding processes

Sensors that withstand extreme conditions – essential for processes involving thermal stress or aggressive media.

Sealing that ensures safety

IP-certified housings and hygienic Tri-Clamp connections protect against contamination and leakage – crucial for CIP/SIP processes.

Surface quality that ensures hygiene

Electropolished stainless steel surfaces with hygienic roughness ($R_a < 0.8 \mu\text{m}$) and crevice-free construction reduce buildup – in line with EHEDG design criteria.

SAFETY THROUGH CERTIFIED SENSORS

Certified level measurement technology is essential in hygiene-sensitive processes. UWT sensors fulfil EHEDG, FDA and EC 1935/2004 specifications – for maximum process safety. The selection depends on the area of application, cleaning requirements and industry-specific specifications:

FOR LIQUIDS



Vibranivo®

VN 7120 | 7130 - Vibration level switch

Point level measurement

Capanivo®

CN 7120 - Capacitive sensor

Point level and interface measurement

NivoRadar®

NR 8400 - Non-contact Radar

Continuous level measurement

FOR BULK SOLIDS



Rotonivo®

RN 3 | 6 - Rotary Paddle Switch

Point level measurement

RFnivo®

RF 3100 - Capacitive single rod

Point level measurement