

Precise Level Measurement and Innovative Signaling – UWT's Latest Products Set New Standards for the Industry

With increasing demands for process automation and safety, UWT expands its portfolio with innovative solutions for precise level detection and visualization. The Vibranivo® VN 7, a compact vibrating level switch designed for confined spaces; the NivoRadar® sensors NR 3 and NR 8 for non-contact measurement of bulk solids and liquids in the most challenging applications; and the NivoLED® signal lamp for clear status visualization offer the highest precision, reliability, and effortless integration into industrial processes.



Compact Precision: Tuning Fork for Demanding Liquid Detection

The Vibranivo® VN 7 vibrating fork is designed for reliable liquid detection, performing exceptionally even in tight installation spaces such as tanks or pipes. Its compact design and adaptability provide maximum flexibility for various industries – from food production and pharmaceuticals to wastewater management.

This one-piece stainless steel sensor offers high resistance to aggressive media and withstands extreme temperatures and pressures. Economically engineered without compromising quality, the “install and forget” technology enables immediate, low-maintenance commissioning without calibration.

High-Precision Radar Technology for Continuous Level Measurement

With the NivoRadar® NR 3 and NR 8 series, UWT offers a robust solution for continuous level measurement. The NR 3 specializes in non-contact measurement of bulk solids, delivering precise results even in explosive environments and under high pressure. Equipped with a high-temperature standpipe, it can withstand temperatures up to +1,200 °C (2,192 °F) – ideal for extreme applications.



Both series feature a high dynamic range, ensuring accurate measurements even with low-dielectric materials. The 80 GHz technology and narrow 3° beam angle provide precise results, even in narrow silos, with a measurement range of up to 120 meters (393 feet).



The NR 8 is especially suitable for liquid detection and is available in a hygienic version. It handles extreme conditions effortlessly, with resistance to temperatures up to 450 °C (842 °F) and pressures up to 160 bar (2,320 psi), making it ideal for demanding applications.

Both series offer versatile configurations, easy and intuitive setup via the UWT LevelApp, display, or PACTware, and seamless integration into automation systems.



Unique Signal Lamp for Maximum Safety in Hazardous Areas

With the NivoLED® NL 9, UWT introduces a robust, unparalleled signal lamp designed for hazardous areas. Equipped with advanced protection ratings, it withstands harsh weather conditions and exposure to chemicals.



This indicator lamp, with dual-color switching and 360° visibility, displays switching states or status information even under challenging visibility conditions and from long distances. Its compatibility with level sensors and all common relay and transistor outputs enables easy integration into control cabinets and process systems. With various versions available, including multiple power supply options, it is ideally suited for industrial environments with the highest safety requirements.



LEVEL. UP TO THE MAX.

About UWT:

UWT. LEVEL. UP TO THE MAX.

As an expert in level measurement technology, UWT is the reliable, global solution provider for the simple, safe and accurate detection of levels and limit levels across a wide variety of industries and applications since 1977. Whether its bulk goods, liquids, pastes or foams - with product lines such as Rotonivo[®], Vibranivo[®] or NivoBob[®], UWT is synonymous with the perfect measurement technology solution for almost any application. UWT offers with its standard products and special solutions the perfect solution for every application and place collaboration on an equal footing.

With production sites in Betzigau and in Malta, as well as further locations in the USA, Great Britain, Spain, China, India, Brazil and Mexico, more than a million applications have now been put into practice. Thus, UWT stands for level measurement at the highest level worldwide. As "The Level Company", the UWT Group provides level measurement at the highest level, building on three strong pillars: Technology, Performance and Partnership.