



Globally, Liquiphant is more than 6 million times in use. Endress+Hauser developed the proven, universal measuring principle back in the 80s and improved it continuously since then. The new generation of Liquiphant FTL51 sets standards for the IIoT era.

The benefits at a glance

- Easy commissioning without any adjustment for various media
- Maximum of safety with Heartbeat Technology by permanent diagnostics of corrosion or build-up
- Safety by Design: Developed according to IEC 61508 for usage in SIL2 und SIL3 applications in homogeneous redundancy
- Minimum maintenance efforts: The recurring proof test according to SIL and WHG (Water Resources Act) is supported by simple and intuitive step-by-step wizards
- Verification happens without process interruptions via Heartbeat Technology. An automatically generated verification report works as documentation for institutions
- Access via Bluetooth® Technology and a mobile device to identify the device, check the status and get the documentation of the device
- Universal measuring principle to use in all kind of liquids

Fields of application

Liquiphant is used in storage tanks, containers and pipes for point level detection of all kind of liquids. The vibronic device is the perfect substitute for float switches or optical sensors. Liquiphant as allrounder works even there, where other measuring principles come to their limits because of conductivity, deposits, turbulences, drifts or air bubbles. All kind of complex adjustments for various media or electronics is eliminated with Liquiphant.

Technical data

- Process temperature of -50°C to +150°C
- Process pressure up to 100bar
- Ambient temperature of -60°C to +70°C
- Viscosity up to 10,000mm²/s (cSt)
- Extension tube up to 6m (20ft)



www.de.endress.com/liquiphant

www.addresses.endress.com