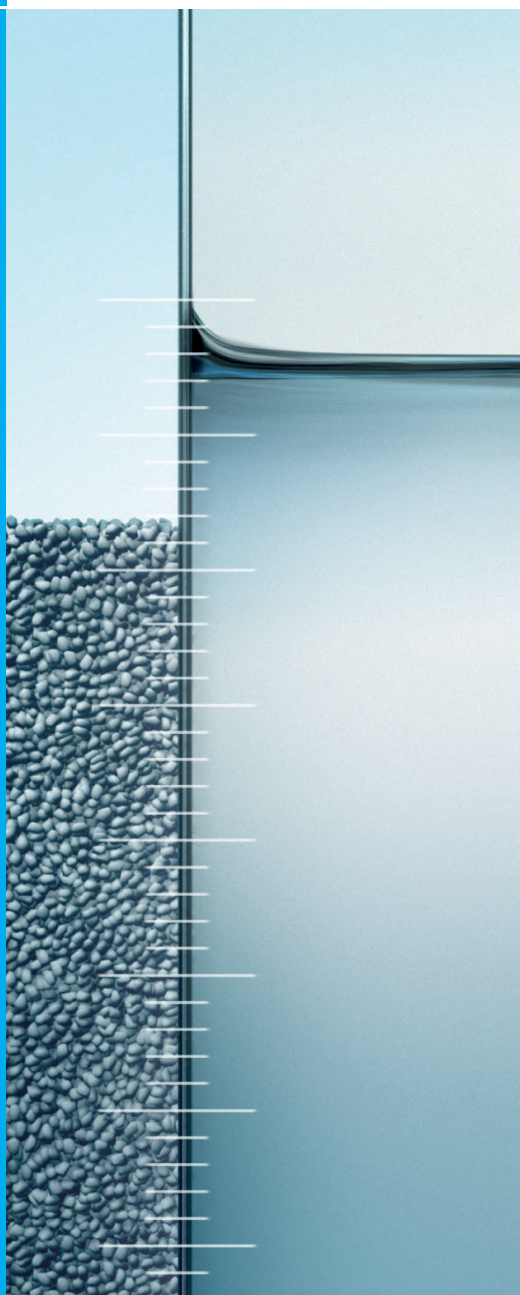


Liquiphant FTL63

Proven in the field, easy to use and the perfect fit for hygienic applications



Endress+Hauser first developed the proven, universal tuning fork measuring principle at the beginning of the 80's. Due to Liquiphant's successful design and continued improvements, there are over 8 million installations worldwide. The new generation of hygienic Liquiphant is perfectly suited for the IIoT era as well as the Food & Beverage and Life Sciences industries.

Fields of application:

The Liquiphant FTL63 is used for point level detection in process and storage tanks as well as in pipelines. The proven vibronic technology works reliably in all pumpable liquids even where other measuring principles reach their limits due to changes in conductivity or dielectric constant (DC value), deposits, foam, turbulences or air bubbles.

Therefore, Liquiphant's technology is the perfect substitute for float switches, capacitive or optical sensors. The fully welded construction of the sensor meets the highest requirements in terms of robustness as well as hygienic design and makes the device reliable and almost maintenance free in operation.



For hygienic applications – Liquiphant FTL63

The benefits at a glance:

- Universal use in all pumpable liquids without adjustment to the media, CIP/SIP
- Easy commissioning (Plug & Play)
- High process and product safety thanks to certified hygienic design (3-A, EHEDG, ASME BPE)
- Proven material compliance and traceability (e.g. EC1935/2004, FDA and cGMP)
- Increased plant availability with continuous diagnostics and traceable on-demand verification through Heartbeat Technology
- Minimized maintenance effort: in-situ function test capability (via test button or magnetic pin)
- Intuitive operation via *Bluetooth*® Technology as well as optical process status indication via bright and colored LED

Technical data:

- Process temperature from -50 to +150 °C (-58 to +302 °F)
- Viscosities up to 10,000 mm²/s (cSt)
- Sensor length up to 3 m (10 ft)
- Surface finish: mechanical or electropolished
- International hygienic certificates (3-A, EHEDG, ASME BPE), contact material conformity with EC1935/2004, FDA, GB4806, ...
- International explosion protection certificates, overfill protection WHG, SIL

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