

# Liquiphant T FTL20H



More information and current pricing:

[www.apsc.endress.com/FTL20H](http://www.apsc.endress.com/FTL20H)

## Benefits:

- Designed for hygienic applications especially in the food industry
- CIP and SIP cleanability ensured
- Up to protection class IP 69
- Hygienic process connections and approvals
- Measurement is unaffected by conductivity, build-up, turbulence, flows or air bubbles
- Simple and fast commissioning. No calibration required
- No mechanically moved parts, free of maintenance

## Specs at a glance

- **Process temperature** -40 °C ... 150 °C (-40 °F ... 302 °F)
- **Process pressure / max. overpressure limit** Vacuum ... 40 bar (Vacuum ... 580 psi)
- **Min. density of medium** 0,7g/cm<sup>3</sup> (0,5g/cm<sup>3</sup> optional)

**Field of application:** Liquiphant FTL20H is a point level switch with compact hygiene design for use in storage tanks, agitators and pipes which have to meet particularly high hygiene standards internally and externally. FTL20H can be used as an overflow prevention or as a pump dry-run protector. The measurement is unaffected of viscosity, build-up, turbulences, flows, air bubbles or temperature changes during cleaning. Functional check in installed state from the outside possible. EHEDG approval available.

## Features and specifications

Point Level / Liquids

**Measuring principle**  
Vibration Liquids

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**Point Level / Liquids****Characteristic / Application**

most compact  
hygiene housing and process connections  
CIP / SIP  
Switch point 38mm  
EHEDG approvals

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**Supply / Communication**

19 ... 253V AC  
10 ... 35V DC-PNP  
ASI-Bus

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**Ambient temperature**

-40 °C ... 70 °C  
(-40 °F ... 158 °F)  
-25 °C ... 70 °C - ASi  
(-13 °F ... 158 °F - ASi)

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**Process temperature**

-40 °C ... 150 °C  
(-40 °F ... 302 °F)

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**Process pressure / max. overpressure limit**

Vacuum ... 40 bar  
(Vacuum ... 580 psi)

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**Min. density of medium**

0,7g/cm<sup>3</sup>  
(0,5g/cm<sup>3</sup> optional)

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**Main wetted parts**

316L

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**Process connection**

G1/2A, G3/4A, G1A, NPT1/2", NPT3/4", R1/2",  
R3/4"

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## Point Level / Liquids

### Process connection hygienic

Tri-Clamp ISO2852

Dairy coupling

Flush mount solutions

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### Sensor length

64mm (2.52")

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### Communication

AC, DC-PNP, ASi

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### Certificates / Approvals

WHG/ Overfill prevention

EHEDG

GL Marine

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### Successor

Product phase out planned,

Successor FTL33

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