

Liquiphant T FTL20H



More information and current pricing:

www.de.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/cm³ (0,5g/cm³ 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

Point Level / Liquids**Characteristic / Application**

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

Supply / Communication

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

Ambient temperature

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

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/cm³
(0,5g/cm³ optional)

Main wetted parts

316L

Process connection

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

Point Level / Liquids

Process connection hygienic

Tri-Clamp ISO2852

Dairy coupling

Flush mount solutions

Sensor length

64mm (2.52")

Communication

AC, DC-PNP, ASi

Certificates / Approvals

WHG/ Overfill prevention

EHEDG

GL Marine

Successor

Product phase out planned,

Successor FTL33

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