

Liquiphant FTL41

The vibronic level switch in basic applications reduces complexities in your plant



Benefits:

- One measuring system for any liquid. Simple to use with plug and play functionality based on active sensor technology
- Better long-term stability compared to float switches due to no mechanically moving parts
- Repeatability of switching point
- Universal use in all pumpable liquids
- No need 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** 0.5 g/cm³ (0.4 g/cm³ optional)

More information and current pricing:

www.casc.endress.com/FTL41

Field of application: Over 6 million installed Liquiphant point level switches in the field worldwide prove the day-to-day reliability of this device. With its active sensor technology you always be sure that your device is working correctly. In addition there is no need of adjustment to different media.

Features and specifications

Point Level / Liquids

Measuring principle

Vibration Liquids

Point Level / Liquids**Characteristic / Application**

Compact vibronic device with an optional pipe extension up to 2 m;
Modular housing concept;
Wide range of certificates

Specialities

RFID TAG for easy identification,
Plug and play functionalities

Supply / Communication

10...55V / DC-PNP 3-wire
19...253V AC or 19...55V DC / relays
NAMUR

Ambient temperature

-40 °C...+70 °C
(-40 °F...+158 °F)

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

0.5 g/cm³
(0.4 g/cm³ optional)

Main wetted parts

316L

Point Level / Liquids

Process connection

Threads:

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

Flanges:

DN25...DN100

ASME 1"...4"

JIS 25A...50A

Process connection hygienic

Tri-Clamp ISO2852

Sensor length

Up to 2 m

Communication

DC-PNP 3-wire

Relays

NAMUR

Certificates / Approvals

ATEX, IEC Ex, CSA, NEPSI

Safety approvals

Overfill protection WHG

Design approvals

EN 10204-3.1

ASME B31.3 Process Piping

CRN

Marine approval

ABS/ LR/ BV/ DNV GL

Components

FTL325N Interface NAMUR

More information www.casc.endress.com/FTL41