

# Conductive Point level detection Liquipoint FTW33

## Very compact flush-mounted probe for liquid and pasty media



### Benefits:

- Perfect fit to the hygienic industry thanks to flush-mounted design, which allows pigging of pipes
- Safe and reliable measurement due to build-up compensation, ensuring reliable switching; IO-Link reduces costs and complexity due to easy configuration and flexible integration in all fieldbus systems
- Individual adjustment to each medium not necessary
- Easy installation thanks to compact design, even in tight conditions or where access is restricted
- Broad range of process connections for installation in new and existing plants
- CIP and SIP cleanability ensured - up to protection class IP 69
- LED display for on-site function check

from **€241.00**

Price as of 24.01.2022

More information and current pricing:

[www.casc.endress.com/FTW33](http://www.casc.endress.com/FTW33)

### Specs at a glance

- **Process temperature** Standard: -20 ... 100°C Cleaning: -20 ... 150°C for 1h ( -4 ... 302°F for 1h)
- **Process pressure absolute / max. overpressure limit** Vacuum ... 25 bar (Vacuum ... 362,5 psi)

**Field of application:** The Liquipoint FTW33 is developed for the food industry and meets all international hygiene requirements. The device also fits perfectly for applications in all industries. For use in pasty and sticky media and media with heavy build-up.

### Features and specifications

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## Point Level / Liquids

**Measuring principle**

Conductive

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**Characteristic / Application**

Compact point level switch for using in pipes and in storage, mixing and process vessels with or without an agitator, for water based or oil based media, with active build up compensation, flush mounting

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**Specialities**

CIP and SIP suitable

Conductive foam is detectable or can be switched off

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**Supply / Communication**

10...30 V DC

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**Ambient temperature**

-40 ... 70°C

(-40 ... 158°F)

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**Process temperature**

Standard:

-20 ... 100°C

Cleaning:

-20 ... 150°C for 1h

( -4 ... 302°F for 1h)

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**Process pressure absolute / max. overpressure limit**

Vacuum ... 25 bar

(Vacuum ... 362,5 psi)

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**Main wetted parts**

Sensor: 316L

Sensor isolation: PEEK

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**Process connection**

Thread G1, G1/2, G3/4, M24

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## Point Level / Liquids

### Process connection hygienic

Clamp ISO 2852 1 to 1 1/2", 2",  
DIN11851 Pipe union

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### Communication

DC PNP

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### Certificates / Approvals

CSA C/US

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### Design approvals

EN 10204-3.1

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### Hygienic approvals

3A, EHEDG

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### Options

Weld-in adapter,  
Process adapter for hygienic process connections

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More information [www.casc.endress.com/FTW33](http://www.casc.endress.com/FTW33)