Conductive
Point level detection
Liquipoint FTW33

Very compact flush-mounted probe for liquid and pasty media



from **€241.00**
Price as of 11.02.2022

More information and current pricing:
www.endress.com/FTW33

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

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

Point Level / Liquids

Measuring principle
Conductive

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

Specialities
CIP and SIP suitable
Conductive foam is detectable or can be switched off

Supply / Communication
10...30 V DC

Ambient temperature
-40 ... 70°C
(-40 ... 158°F)

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)

Main wetted parts
Sensor: 316L
Sensor isolation: PEEK

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

Point Level / Liquids

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

Communication
DC PNP

Certificates / Approvals
CSA C/US

Design approvals
EN 10204-3.1

Hygienic approvals
3A, EHEDG

Options
Weld-in adapter,
Process adapter for hygienic process connections

More information **www.endress.com/FTW33**

Endress+Hauser AG
Switzerland

addresses.endress.com
info@endress.com

Endress+Hauser