

Single-use capacitive foam detection Liquicap FTZ61

For foam detection in single-use bioreactors
without medium contact



Benefits:

- **Non-contact measurement:** Eliminates contamination risk and cleaning effort, ensuring safety and cost-efficiency
- **Self-adhesive single-use sensor:** Easy mounting and removal of sensor to streamline the process, enhancing convenience
- **Proven capacitive technology:** No extensive validation needed, allowing for quick implementation and reliability
- **Safe foam detection:** Reduces risks by controlling anti-foam agent use, improving process safety and product quality
- **Compact design:** Ideal for space-limited applications, offering flexibility in single-use bioprocessing setups
- **Versatile foam measurement:** Capable of measuring various foams, ensuring adaptability across different applications

More information and current pricing:

www.endress.com/FTZ61

Specs at a glance

- **Min. density of medium** no limitations

Field of application: Liquicap FTZ61 is a compact foam detector based on capacitive measurement that reliably detects foam level in non-conductive containers, e. g. plastic or glass, in particular single-use bags for cell culture. Thanks to the self-adhesive sensor FZZ61, that can be easily attached to the bag from outside without medium contact, the sensor-transmitter duo offers a non-invasive solution to detect foam.

Features and specifications

Point Level / Liquids

Measuring principle

Capacitive Liquid

Characteristic / Application

1-channel point level detection transmitter with 4...20mA output

Specialities

Can be combined with single-use self-adhesive capacitive sensor FZZ61

Supply / Communication

11 to 35V DC / 4 to 20 mA, no communication

Ambient temperature

0 to +40 °C

Min. density of medium

no limitations

Max. tensile strength

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Certificates / Approvals

CE

Components

Self-adhesive sensor: FZZ61; Mounting Bracket: 71647578; Data Cable 5m: 71647581

Application limits

Observe min. medium conductivity and DC value

More information www.endress.com/FTZ61