

# Capacitance Point level switch Nivotester FTC325

Point level switch with intrinsically safe signal circuit for connection to a capacitance sensor



## Benefits:

- Highest safety due to intrinsically safe signal circuit EEx ia IIC
- Calibration using operating keys
- High functional safety thanks to: FailSafe pulse-frequency modulation (PFM) or 3-wire technology, checkable relay function
- Compact housing for easy series mounting on a standard DIN rail in the cabinet
- Pluggable terminal blocks make wiring easy
- Point level and alarm relay

**Field of application:** The Nivotester FTC325 is a point level switch with intrinsically safe signal circuit for connection to a capacitance sensor. It has a compact housing for easy series mounting on a standard DIN rail in the cabinet.

More information and current pricing:

[www.jp.endress.com/FTC325](http://www.jp.endress.com/FTC325)

## Features and specifications

Point Level / Liquids

Measuring principle

Capacitive Liquid

**Point Level / Liquids****Characteristic / Application**

Transmitter with intrinsically safe signal

Calibrating using operating keys  
adjustable operating delay

2-wire PFM

3-wire

Rail mounting:

Wide: 45mm (PFM

)Wide: 22,5 mm

With adjustable hysteresis

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**Specialities**

Min / Max - changeover

Test/correction key (PFM)

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**Supply / Communication**

85V ... 253V AC

20V ... 60V DC

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**Ambient temperature**

Serial montage

-20 °C ... 50 °C

(-4 °F ... 122 °F)

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**Communication**

2 Relays

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**Certificates / Approvals**

ATEX, IEC Ex, FM, CSA, TIIS

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**Safety approvals**

Overfill protection WHG

**Point Level / Solids****Measuring principle**

Capacitive Solid

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