

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

More information and current pricing:

www.apsc.endress.com/FTC325

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.

Features and specifications

Point Level / Solids

Measuring principle

Capacitive Solid

Point Level / Solids**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

Specialities

Min / Max - changeover

Test/correction key (PFM)

Supply / Communication

85V ... 253V AC

20V ... 60V DC

Ambient temperature

-20 °C ... 50 °C Serial montage

(-4 °F ... 122 °F)

Communication

2 Relays

Certificates / Approvals

ATEX, IEC Ex, FM, CSA, TIIS

Safety approvals

Overfill protection WHG

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

Specialities

Min / Max - changeover

Test/correction key (PFM)

Supply / Communication

85V ... 253V AC

20V ... 60V DC

Ambient temperature

Serial montage

-20 °C ... 50 °C

(-4 °F ... 122 °F)

Communication

2 Relays

Certificates / Approvals

ATEX, IEC Ex, FM, CSA, TIIS

Safety approvals

Overfill protection WHG

More information www.apsc.endress.com/FTC325