

# Vibronic

## Point level detection

### Nivotester FTL325N

Switching unit with NAMUR input for rail mounting or single installation



#### Benefits:

- Nivotester FTL325N for connecting one, two or three measuring cells (1-, 2- or 3-channel devices)
- Intrinsically safe signal circuits Ex ia for use of measuring sensor in explosion hazardous areas
- Functional safety up to SIL2 through line monitoring
- DIN Rail housing for simple series installation on standard rails in switch cabinet
- Simple wiring using pluggable terminal blocks
- NAMUR interface to EN 50227 (DIN 19234; NAMUR) or IEC 60947-5-6 to connect NAMUR sensors or electronic inserts

from **€95.00**

Price as of 05.07.2022

More information and current pricing:

[www.si.endress.com/FTL325N](http://www.si.endress.com/FTL325N)

**Field of application:** Nivotester FTL325N is a switching unit for point level detection in liquid tanks, also in hazardous explosion areas. Also suitable for overfill prevention in tanks with combustible or non-combustible liquids harmful to water. Two-point control and point level detection. The perfect fit for applications in safety related systems with requirements for functional safety up to SIL2 in accordance to IEC 61508 /IEC 61511 using Liquiphant with electronic insert FEL56 or FEL58.

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## Features and specifications

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### Point Level / Liquids

**Measuring principle**Vibration Liquids

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**Characteristic / Application**Switching unit NAMUR technology for rail  
mounting

SIL2, according 61511

Intrinsically safe

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**Supply / Communication**

NAMUR

24V AC,DC / 230V AC

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**Ambient temperature**

Single installation:

-20 °C ... 60 °C

(-4 °F ... 140 °F)

Rail mounting:

-20 °C ... 50 °C

(-4 °F ... 122 °F)

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**Communication**

1 Channel: 1 level SPDT + 1 alarm SPST

3 Channel: 3 level SPDT + 1 alarm SPST

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**Certificates / Approvals**ATEX, FM, CSA, IEC Ex, INMETRO, NEPSI, EAC

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**Safety approvals**

Overfill prevention WHG

SIL

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**Measuring principle**Vibration Solids

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