

# 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 **£91.00**

Price as of 05.07.2022

More information and current pricing:

[www.uk.endress.com/FTL325N](http://www.uk.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.

---

## Features and specifications

---

### Point Level / Liquids

**Measuring principle**

Vibration Liquids

---

**Characteristic / Application**

Switching unit NAMUR technology for rail mounting

SIL2, according 61511

Intrinsically safe

---

**Supply / Communication**

NAMUR

24V AC,DC / 230V AC

---

**Ambient temperature**

Single installation:

-20 °C ... 60 °C

(-4 °F ... 140 °F)

Rail mounting:

-20 °C ... 50 °C

(-4 °F ... 122 °F)

---

**Communication**

1 Channel: 1 level SPDT + 1 alarm SPST

3 Channel: 3 level SPDT + 1 alarm SPST

---

**Certificates / Approvals**

ATEX, FM, CSA, IEC Ex, INMETRO, NEPSI, EAC

---

**Safety approvals**

Overfill prevention WHG

SIL

---

### Point Level / Solids

**Measuring principle**

Vibration Solids

---

## Point Level / Solids

### Characteristic / Application

Switching unit NAMUR technology for rail  
mounting  
SIL2, according 61511  
Intrinsically safe

---

### Supply / Communication

NAMUR  
24V AC,DC / 230V AC

---

### Ambient temperature

Single installation:  
-20 °C ... 60 °C  
(-4 °F ... 140 °F)  
Rail mounting:  
-20 °C ... 50 °C  
(-4 °F ... 122 °F)

---

### Communication

1 Channel: 1 level SPDT + 1 alarm SPST  
3 Channel: 3 level SPDT + 1 alarm SPST

---

### Certificates / Approvals

ATEX, FM, CSA, IEC Ex, INMETRO NEPSI

---

### Safety approvals

Overfill prevention WHG  
SIL

---

More information [www.uk.endress.com/FTL325N](http://www.uk.endress.com/FTL325N)