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Vibronic
Point level detection
Nivotester FTL325N

Switching unit with NAMUR input for rail mounting or single installation



from **$207.44**
Price as of 04/11/2023

More information and current pricing:
www.us.endress.com/FTL325N

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

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

Point Level / 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

Characteristic / Application
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Overfill prevention WHG
SIL

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We buy equipment

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