

Vibronic Point level detection Nivotester FTL325P

Switching unit with intrinsically safe signal circuit for connection to Liquiphant or Soliphant



Fordele:

- Nivotester FTL325P 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. Simplified proof testing to WHG/SIL by pressing push-button
- DIN Rail housing for simple series installation on standard rails in switch cabinet
- Simple wiring using pluggable terminal blocks
- Inputs are galvanically isolated from each other, from the mains and from the outputs

Yderligere oplysninger og aktuel pris::

www.dk.endress.com/FTL325P

Anvendelsesområde: The switching unit FTL325P is used for point level detection in liquid tanks and bulk material silos, also in hazardous explosion areas. Also suitable for liquid detection in pipes for dry running protection for pumps and overflow prevention for tanks with combustible or non-combustible liquids harmful to water. Up to 3 measuring devices for two-point control and point level detection. Functional safety up to SIL3 in accordance to IEC 61508 using Liquiphant with electronic insert FEL57.

Funktioner og specifikationer

Point Level / Liquids

Measuring principle

Vibration Liquids

Characteristic / Application

Switching unit PFM technology for rail mounting

Intrinsically safe

Highest SIL safety

Specialities

If sensors are redundant, SIL3

Supply / Communication

85...253 V AC,

20...30 V AC/ 20...60 V DC

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, TIIS, INMETRO, NEPSI,
EAC

Safety approvals

Overfill prevention WHG

SIL

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