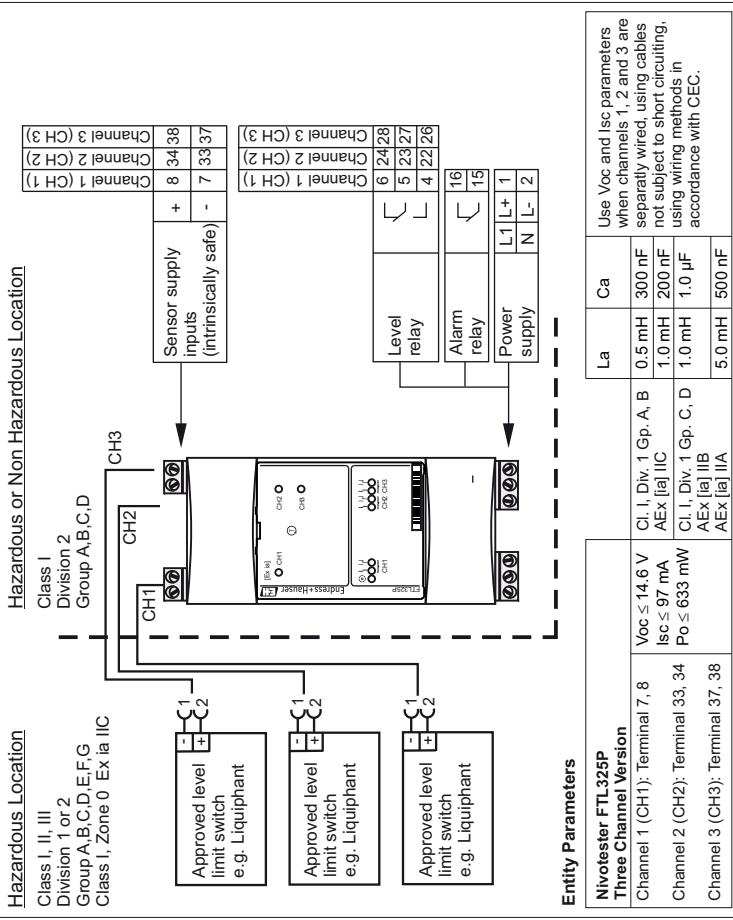


**Nivotester FTL325P (Three Channel Version)**



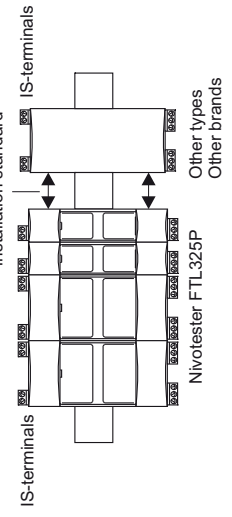
**Entity Parameters**

Nivotester FTL325P Three Channel Version		La	Ca	Use Voc and Isc parameters when channels 1, 2 and 3 are separately wired, using cables not subject to short circuiting, using wiring methods in accordance with CEC.
Channel 1 (CH1): Terminal 7, 8	Voc ≤ 14.6 V Isc ≤ 97 mA Po ≤ 633 mW	0.5 mH 1.0 mH	300 nF 200 nF	CI, I, Div. 1 Gp. A, B AEX [ia] IIC
Channel 2 (CH2): Terminal 33, 34	Voc ≤ 14.6 V Isc ≤ 97 mA Po ≤ 633 mW	0.5 mH 1.0 mH	300 nF 200 nF	CI, I, Div. 1 Gp. C, D AEX [ia] IIB
Channel 3 (CH3): Terminal 37, 38	Voc ≤ 14.6 V Isc ≤ 97 mA Po ≤ 633 mW	0.5 mH 1.0 mH	300 nF 200 nF	CI, I, Div. 1 Gp. C, D AEX [ia] IIA

**Notes:**

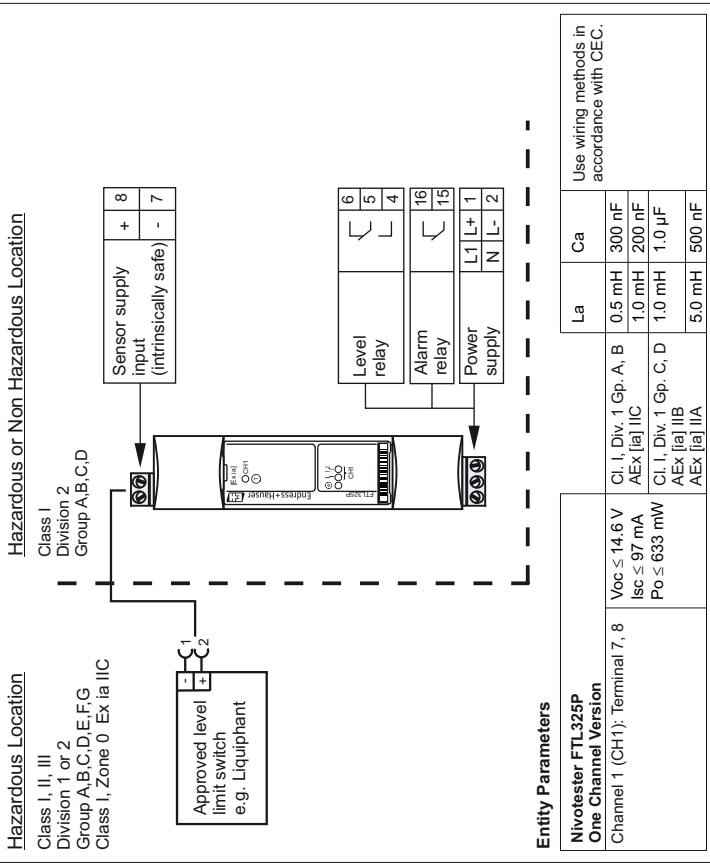
1. **WARNING:** Substitution of components may impair intrinsic safety!
2. **AVERTISSEMENT :** La substitution de composants peut compromettre la sécurité intrinsèque !
3. CSA approved apparatus must be installed in accordance with manufacturer instructions.
4. Maximum safe area voltage 250 Vrms.
5. Install per the Canadian Electrical Code (CEC), Part I.
6. The unit must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.
7. Terminals of intrinsically safe circuits must be separated from terminals of non-intrinsically safe circuits by creepage and clearance distance of at least 50 mm (2 in).
8. Use additional precautions such as wiring tie downs or special wiring methods to provide adequate separation, especially when terminals are arranged one above the other.
9. Use supply wires suitable for 5°C above surrounding ambient.

At least 6 mm.  
Or more if required by installation standard



- Class I, Div. 2 Group A, B, C, D  
Hazardous Location installation
1. **WARNING:** Do not disconnect equipment unless power has been switched off or the area is known to be Non-Hazardous.  
**AVERTISSEMENT :** Ne pas débrancher tant que le circuit est sous tension, à moins qu'il s'agisse d'un emplacement non dangereux.
  2. **WARNING:** Substitution of components may impair suitability for use in hazardous locations.  
**AVERTISSEMENT :** La substitution de composants peut rendre ce matériel inacceptable pour les zones explosives.

**Nivotester FTL325P (One Channel Version)**



**Entity Parameters**

Nivotester FTL325P One Channel Version		La	Ca	Use wiring methods in accordance with CEC.
Channel 1 (CH1): Terminal 7, 8	Voc ≤ 14.6 V Isc ≤ 97 mA Po ≤ 633 mW	0.5 mH 1.0 mH	300 nF 200 nF	CI, I, Div. 1 Gp. A, B AEX [ia] IIC
		1.0 mH	1.0 µF	CI, I, Div. 1 Gp. C, D AEX [ia] IIB
		5.0 mH	500 nF	AEX [ia] IIA

Supply voltage	All relays rating
FTL325P One Channel Version	U ≤ 250 V AC, I ≤ 2 A P ≤ 500 VA (cos φ ≥ 0.7)
FTL325P Three Channel Version	DC/AC-Type: U ≤ 40 V DC, I ≤ 2 A P ≤ 80 W 20...30 V AC 50/60 Hz

XA01434F-C/00/EN/01.16  
CCS/FM10  
CSA/C 06.12.16



**CSA Control Drawing**  
**960006046 C**

Nivotester  
FTL325P

**Endress+Hauser**

People for Process Automation

Agency controlled drawing.  
No changes without prior Agency approval.