



# Certificate of Compliance

**Certificate:** 2574994

**Master Contract:** 257245

**Project:** 2574994

**Date Issued:** 2013-02-08

**Issued to:** Teledyne Instruments  
16830 Chestnut St.  
City of Industry, CA 91749-1020  
USA

**Attention:** Mr. Roger Starlin

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** Daphane Flemings

## PRODUCTS

**CLASS 2258 04** PROCESS CONTROL EQUIPMENT Intrinsically Safe, Entity - For Hazardous Locations

**CLASS 2258 02** PROCESS CONTROL EQUIPMENT For Hazardous Locations

### CLASS 2258 04

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III

- Model LXT-280 Transmitter; rated 4-20mA; Temperature Code T4A; Enclosure Type 4X; with the following Entity Parameters  
V<sub>max</sub> = 29V  
I<sub>max</sub> = 110mA  
C<sub>i</sub> = 0 μF  
L<sub>i</sub> = 220 μH

### CLASS 2258 02

Class I, Groups C and D; Class II, Groups E, F and G; Class III

- Model LXT-280 Transmitter; rated 24V, 4-20mA; Enclosure Type 4X.



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### **APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA Standard C22.2 No 0.4-M1982 - Bonding and Grounding of Electrical Equipment (Protective Grounding).

CSA Standard C22.2 No 0.5-M1982 - Threaded Conduit Entries

CSA Standard C22.2 No 25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations.

CSA Standard C22.2 No 30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.

CSA Standard C22.2 No 94-M1991 - Special Purpose Enclosures.

CSA Standard C22.2 No 142-M1987 - Process Control Equipment.

CSA Standard C22.2 No 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

### **MARKINGS**

- (1) Listee's name, trademark, or the CSA file number 257245 (adjacent the CSA Mark).
- (2) Catalogue / Model designation.
- (3) Complete electrical rating (amps, hertz, and volts) (Entity Parameters for I.S. Version)
- (4) Date code / Serial number traceable to month and year of manufacture.
- (5) Hazardous Location designations.
- (6) The symbol "Exia". (I.S. Version)
- (7) The words "INTRINSICALLY SAFE / SECURITE INTRINSEQUE". (I.S. Version)
- (8) Temperature code T4A. (I.S. Version)
- (9) CSA Enclosure Type 4X.
- (10) The CSA Mark.
- (11) The following bilingual cautions: "CAUTION: OPEN CIRCUIT BEFORE REMOVING COVER" and, "ATTENTION: OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE" or, "CAUTION: KEEP COVERS TIGHT WHILE CIRCUITS ARE ALIVE" and, "ATTENTION: GARDER LE COUVERCLE BIEN FERME TANT QUE LES CIRCUITS SONT SOUS TENSION" or the equivalent. (Explosion Proof Version)

**WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY: and, AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE". (I.S. Version)**

### **NOTE:**

Jurisdictions in Canada may require marking to also be provided in French. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the



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Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the “Markings”.

**REQUIRED METHOD OF MARKING:**

The marking shall be permanent, such as a 0.5-mm thick metal nameplate secured by drive pins or screws in bottomed holes, cast, etched, or engraved.