



# Certificate of Compliance

**Certificate:** 1037678 (LR 108334)

**Master Contract:** 186200

**Project:** 2609075

**Date Issued:** March 22, 2013

**Issued to:** Terra Metrics Ltd, dba

Whitlock Instruments  
1300 North Texas  
Odessa, TX 79761  
USA  
Attention: Ray Garcia

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Kerry Barnett*

**Issued by:** Kerry Barnett

## **PRODUCTS**

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

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

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

**Ex d m IIC T5: Ambient Temperature -40 °C to +55 °C.**

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to U.S. Standards

**Class I, Zone 1, Groups AEx d mb IIC Gb; T5; Ambient Temperature -40 °C to +55 °C.**

**Model DNFT-LED-de-fg:** Digital No-Flow Timer, Battery-operated (3.6 Vdc); Output Switch Rating 240 Vdc max., 2.5 VA.



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**Model DNFT-PRG-de-fg:** Digital No-Flow Timer, Battery-operated (3.6 Vdc); Output Switch Rating 240 Vdc max., 2.5 VA.

**Model DNFT-LCC-de-fg:** Digital No-Flow Timer, Battery-operated (3.6 Vdc); Output Switch Rating 240 Vdc max., 2.5 VA.

**Model DNFT-LED-de-fg-24v:** Digital No-Flow Timer, Rated Input 24 Vdc, 20 ma  $\pm$ 5ma ; Output Switch Rating 240 Vdc max., 2.5 VA.

**Model DNFT-PRG-de-fg-24v:** Digital No-Flow Timer, Rated Input 24 Vdc , 20 ma  $\pm$ 5ma; Output Switch Rating 240 Vdc max., 2.5 VA.

**Model DNFT-LCC-de-fg-24v:** Digital No-Flow Timer, Rated Input 24 Vdc , 20 ma  $\pm$ 5ma; Output Switch Rating 240 Vdc max., 2.5 VA.

**Model DNFT-PRX-fg:** Digital No-Flow Timer, Output Switch Rating: 240Vdc Max. 2.5 VA.

Suffixes denote the following:

**de** – Dedicated Proximity Switch (PS);

**fg** – Divider Valve Manufacture;

‘PS’ if Proximity Switch equipped

TO for Trabon

Blank if not equipped

D for Dropsa

L for Lincoln

### **APPLICABLE REQUIREMENTS**

CAN/CSA Standard C22.2 No. 60079-0:11 - Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

CAN/CSA Standard C22.2 60079-1:11 - Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof Enclosures "d"



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CAN/CSA Standard C22.2 60079-18:12 - Electrical Apparatus Explosive atmospheres - Part 18: Equipment protection by encapsulation 'm'

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

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

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

UL Standard 60079-0, 5th Ed. Electrical apparatus for explosive gas atmospheres - Part 0, General requirements

UL Standard 60079-1, 6th Ed. Electrical apparatus for explosive gas atmospheres - Part 1 Flameproof Enclosures "d"

UL Standard 60079-18, 3rd Ed. National Differences For UL 60079-18 Explosive atmospheres - Part 18: Equipment protection by encapsulation 'm'

ANSI/UL Standard 508 17th Ed. - Industrial Control Equipment



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2609075	Mar 22, 2013	Update of Report 1037678 to remove Class I Div 1 Rating. Delete products AC DNFT and encapsulated battery DNFT. Add 24Vdc and PRX DNFTs. Reduce maximum ambient to 55C.
2492628	Mar 5, 2013	Update of Report 1037678 to add alternate battery supplier and reduce the DNFT maximum ambient temperature to 80C