



Certificate of Compliance

Certificate: 1248727 (LR 114519)

Master Contract: 190597

Project: 1721450

Date Issued: 2005/10/27

Issued to: **Michell Instruments Limited**
Nuffield Close
Cambridge, CB4 1SS
United Kingdom
Attention: Ray Hinkens

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: Wesley Van Hill

Authorized by: Patricia Pasemko, Operations Manager

PRODUCTS

- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non - Incendive Systems - For Hazardous Locations
- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive - Systems - For Hazardous Locations - Certified to U.S. Standards

Class I, Groups A, B, C & D.

Model: "TRANSMET I.S" Intrinsically Safe Dewpoint Transmitter, Temperature code T4; Maximum Ambient +60°C; Entity parameter are as follows:

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



Certificate: 1248727 (LR 114519)

Master Contract: 190597

Project: 1721450

Date Issued: 2005/10/27

Input Terminals (6 & 8 wrt 5) Output Terminals [Channels 1 & 2 (Terminals 3&4) combined wrt Ground]

Vmax. = 28Vdc

Voc = 27.7Vdc

Imax. = 200mA

Isc = 137mA

Pmax. = 850mW

Pmax. = 820mW

Ci = 0.052uF

Ca = 0.13uF

Li = 0mH

La = 2.0mH

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0 M1991 General Requirements Canadian Electrical Code Part II.

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.

UL 508, Seventeenth Edition - Industrial Control Equipment.

UL 913, Sixth Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.



Supplement to Certificate of Compliance

Certificate: 1248727

Master Contract: 190597

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

Product Certification History

Project	Date	Description
1721450	2005/10/27	Update to report 1248727 to include minor product revisions (RS485 transceivers).

History

LR 114519-2 - July 21, 1999 - Original Certification.

1248727 - October 1, 2001 - Update to include revised max ambient (+60°C) and additional components.