

Certificate of Compliance

Certificate: 1248727 (LR 114519-2)

Master Contract: 190597

Project: 1248727 (Edition 2)

Date Issued: October 1, 2001

Issued to: **Michell Instruments Limited**
Nuffield Close
Cambridge CB4 1SS
ENGLAND
Attention: Mr. Darren Logan

The products listed below are eligible to bear the CSA Mark shown, with adjacent indicator NRTL/C or with adjacent indicator "C" and "US".



OR



Issued by:

P Andrew Redeker
 Andrew Redeker, C.E.T.
 Certification Specialist

Authorized by:

John Verwey
 John Verwey, P.Eng.
 Operations Manager

CLASS

- 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
- 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - To U.S. Requirements

PRODUCTS

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:

Input Terminals (6 & 8 wrt 5)	Output Terminals [Channels 1 & 2 (Terminals 3&4) combined wrt Ground]
Vmax. = 28Vdc	Voc = 27.7Vdc
I _{max.} = 200mA	I _{sc} = 137mA
P _{max.} = 850mW	P _{max.} = 820mW
C _i = 0.052uF	C _a = 0.13uF
L _i = 0mH	L _a = 2.0mH

The "C" and "US" indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. This includes products eligible to bear the NRTL indicator. NRTL, i.e. Nationally 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.



CSA INTERNATIONAL

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APPLICABLE REQUIREMENTS

- CSA Standard C22.2 No 0-M1991 - General Requirements - Canadian Electrical Code Part II.
- 142-M1987 - Process Control Equipment.
- 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.
- UL 508, Seventeenth Edition - Industrial Control Equipment.
- UL 913, Fifth Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.



CSA INTERNATIONAL

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

Project	Date	Description
LR 114519-2	July 21, 1999	Original Certification.
1248727	October 1, 2001	Update to include revised max ambient (+60°C) and additional components.