

Certificate of Compliance

Certificate: 2013218

Master Contract: 190597

Project: 2013218

Date Issued: June 17, 2008

Issued to: Michell Instruments Limited
Lancaster Way Business Pk, Unit 48, Ely
Cambridgeshire, CB6 3NW
UNITED KINGDOM
Attention: Ian Arnold

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



Issued by: E. Giusti

Authorized by: M.H.J. Hoendervangers

PRODUCTS

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

IS Class I, Division 1 Groups A, B, C & D T4

Intrinsically Safe Dewpoint Transmitter Model: "EASIDEW I.S.", Temperature code T4; Maximum Ambient +60°C. Entity parameters: $V_{max} = 28$ V, $I_{max} = 93$ mA, $P_{max} = 651$ mW, $C_i = 37$ nF, $L_i = 0$ μ H.

The Easidew I.S. Dewpoint transmitter is a 4-20mA output loop powered dewpoint sensor.

The 4-20mA loop connection may be made to terminals 1 & 3 only.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91(R2006)
CAN/CSA-C22.2 No. 157-92 (R2006)

- General Requirements Canadian Electrical Code, Part II
- Intrinsically Safe and Non-incendive Equipment for use in Hazardous Locations.

C22.2 No. 142-M1987 (R2004)

- Process Control Equipment.

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MARKINGS

- (1) Submitter's name, trademark
- (2) Catalogue / Model designation.
- (3) Complete electrical rating (amps, hertz, and volts).
- (4) Date code / Serial number traceable to month and year of manufacture.
- (5) The CSA Monogram
- (6) Maximum ambient temperature $T_a = + 60\text{ }^\circ\text{C}$
- (7) Reference to control drawings Ex90385CSA
- (8) The words "IS Class I, Division 1, Groups A, B, C and D T4"

METHOD OF MARKING:

The permanent markings appear on an self-adhesive metalised polyester manufactured by 3M (CUL MH18072) and Flexcon CO Inc. (CSA 99214) and is mounted on the surface of the apparatus.

SPECIAL CONDITIONS OF USE

1. The wiring connections to the free socket must be made via crimped connectors in such a way that all the strands of the wire used are held securely by the crimp.
2. The plastic plug and socket create a potential for electrostatic discharge so must not be rubbed with a dry cloth or cleaned with solvents.
3. The Easidew I.S. Dewpoint Transmitter does not withstand the 500Vac insulation test to frame. This must be taken into account on installation.



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
2013218	June 17, 2008	Original CSA Certification Intrinsically Safe Dewpoint Transmitter Model: "EASIDEW I.S."