



Certificate of Compliance

Certificate: 2013218

Master Contract: 190597

Project: 70160207

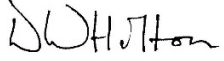
Date Issued: October 31, 2017

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

Attention: Mr Ian Arnold

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



Issued by: 
David Holton

PRODUCTS

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

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

The Easidew I.S., Easidew PRO I.S. and PURA I.S. Dewpoint transmitters are 4-20mA output loop powered dewpoint sensors.

Intrinsically Safe Dewpoint Transmitter Model:
“EASIDEW I.S.”, “EASIDEW PRO I.S.” and “PURA I.S.”
Temperature code T4;
Maximum Ambient +70°C.

Entity parameters:
V_{max} = 28 V,
I_{max} = 93 mA,
P_{max} = 820 mW,
C_i = 37 nF,
L_i = 0 μH.

Easidew I.S. and PURA I.S.:
The 4-20mA loop connection may be made to terminals 1 & 3 only.



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Easidew PRO I.S.:

The 4-20mA loop connection may be made to terminals 2 & 4 only and the earth connection to terminal 3.

Conditions of Acceptability

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.

APPLICABLE REQUIREMENTS

- | | | |
|--------------------------|---|-------------------------------------------------------------------------------|
| CAN/CSA-C22.2 No. 0-10 | - | General Requirements Canadian Electrical Code, Part II - Tenth Edition |
| CAN/CSA-C22.2 No. 157-92 | - | Intrinsically Safe and Non-incendive Equipment for use in Hazardous Locations |
| C22.2 No. 142-M1987 | - | Process Control Equipment Industrial Products |

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 $T_a = + 70\text{ }^\circ\text{C}$
- (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 a self-adhesive metalised polyester manufactured by 3M (CUL MH18072) and Flexcon CO Inc. (CSA 99214) and is mounted on the surface of the apparatus.