



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 2073205 (LR 44092)

Master Contract: 152450

Project: 2073205

Date Issued: 2008/09/18

Issued to: **Micro Motion Incorporated**

**7070 Winchester Cir
Boulder, CO 80301
USA**

Attention: Ray C. Stengl

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



Issued by: Wesley Van Hill, C.E.T.

Authorized by: Patricia Pasemko, Operations Manager

PRODUCTS

- CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
- CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards
- CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards

CLASS 2258 04 and CLASS 2258 84

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.



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Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G

Model 2200S Transmitter, Temperature Code T4; Ambient -40°C to +60°C; Enclosure Type 4; Intrinsically Safe when connected per Installation Instructions CSA-D-IS. Entity parameters: $V_{max} = 28VDC$, $I_{max} = 120mA$, $P_{max} = 0.84W$, $C_i = 2200pF$, $L_i = 30\mu H$

CLASS 2258 02 and CLASS 2258 82

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G

Model 2200S Transmitter; $V_{max} = 36V$; $I_{max} = 1A$; Temperature Code T4; Ambient -40°C to +60°C; Enclosure Type 4

APPLICABLE REQUIREMENTS

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

CSA Standard C22.2 No.0.4-M2004 - Bonding of Electrical Equipment

CSA Standard C22.2 No. 0.5-M1982 – Threaded Conduit Entries

CSA Standard C22.2 No. 25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations

CSA Standard C22.2 No. 94-M1991 - Special Purpose Enclosures

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

CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

UL Standard 50, Eleventh Edition - Enclosures for Electrical Equipment

UL Standard 508, Seventeenth Edition – Industrial Control Equipment

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

UL Standard 1203, Fourth Edition – Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

ANSI/ISA–12.12.01–2007 – Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III,



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Divisions 1 and 2 Hazardous (Classified) Locations



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
2073205	2008/09/18	Initial evaluation of 2200S Transmitter for use in Class I, Division 1, Groups C and D; Class II, Division 1; Groups EFG; Class I, Division 2, Groups ABCD, Class II, Division 2, Group FG; Type 4