



# Certificate of Compliance

**Certificate:** 2570840

**Master Contract:** 152450

**Project:** 2602012

**Date Issued:** April 4, 2013

**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' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Nicholas Cameron*

**Issued by:** Nicholas Cameron

## **PRODUCTS**

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

**CLASS 2258 02 – PROCESS CONTROL EQUIPMENT** - For Hazardous Locations

**CLASS 2258 82 – PROCESS CONTROL EQUIPMENT** - For Hazardous Locations – To U.S. Requirements

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

**Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G**

CDM Exd Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 35mA Max.



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CDM Exia Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

GAS Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

FORK Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

CDM100 Meter - Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

FDM Meter - Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

FVM Meter - Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

HFVM Meter - Ambient Temperature Range of -40°C to +65°C; Temperature Code T6; Enclosure Type 4; IP 66/67. Input rated 24VDC and 25mA Max.

**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 - To US Requirements

Class I, Division 1, Groups A, B, C and D; Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G



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CDM Exia Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T4; Enclosure Type 4; IP 66/67. Intrinsically Safe with the following Entity Parameters as per drawing CSA-D-IS;

V<sub>max</sub> or U<sub>i</sub> = 30VDC      C<sub>i</sub> = 0pF

I<sub>max</sub> or I<sub>i</sub> = 484mA      L<sub>i</sub> = 0μH

P<sub>max</sub> or P<sub>i</sub> = 2.05W

GAS Transmitter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T4; Enclosure Type 4; IP 66/67. Intrinsically Safe with the following Entity Parameters as per drawing CSA-D-IS;

V<sub>max</sub> or U<sub>i</sub> = 30VDC      C<sub>i</sub> = 0pF

I<sub>max</sub> or I<sub>i</sub> = 484mA      L<sub>i</sub> = 0μH

P<sub>max</sub> or P<sub>i</sub> = 2.05W

CDM100 Exia Meter – Ambient Temperature Range of -40°C to +65°C; Temperature Code T4; Type 4; IP 66/67. Intrinsically Safe with the following Entity Parameters as per drawing CSA-D-IS;

V<sub>max</sub> or U<sub>i</sub> = 30VDC      C<sub>i</sub> = 0pF

I<sub>max</sub> or I<sub>i</sub> = 484mA      L<sub>i</sub> = 0μH

P<sub>max</sub> or P<sub>i</sub> = 2.05W

### **APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II

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



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

CAN/CSA C22.2 No. 60529-05 - Degrees of protection provided by enclosures (IP Code)

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-12.12.01-2011 - Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

ANSI/IEC 60529:2004 - Degrees of Protection Provided by Enclosures (IP Code)



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2602012	Apr 4, 2013	Update of report 2570840 to include new models based on CSA Report 1081937.
2570840	Jan 25, 2013	New Certification for CDM, GAS and FORK Transmitter Modules for various methods of protection.