



# Certificate of Compliance

**Certificate:** 70183767

**Master Contract:** 152450

**Project:** 80158791

**Date Issued:** August 08, 2023

**Issued To:** Micro Motion Incorporated  
7070 Winchester Cir  
Boulder, Colorado, 80301  
United States

**Attention:** James Warren

*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.*



**Issued by:**

Ashutosh Bandekar

## PRODUCTS

### **Part A: Model 4200**

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

For Canada:

- Class I, Div 1, Groups C and D T6
- Class I, Div 2, Groups A, B, C and D T6
- Class II, Div 1, Groups E, F, G T6
- Ex db [ia Ga] IIB T6 Gb
- Ex db [ia Ga] IIC T6 Gb
- Ex db eb [ia Ga] IIB T6 Gb



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- **Ex db eb [ia Ga] IIC T6 Gb**
- **Ex ec [ia Ga] IIC T6 Gc**
- **Ex tb [ia Da] IIC T72°C Db**

For U.S. :

- **Class I, Div 1, Groups C and D T6**
- **Class I, Div 2, Groups A, B, C and D T6**
- **Class II, Div 1, Groups E, F, G T6**
- **Class I, Zone 1, AEx db [ia Ga] IIB T6 Gb**
- **Class I, Zone 1, AEx db [ia Ga] IIC T6 Gb**
- **Class I, Zone 1, AEx db eb [ia Ga] IIB T6 Gb**
- **Class I, Zone 1, AEx db eb [ia Ga] IIC T6 Gb**
- **Class I, Zone 2, AEx ec [ia Ga] IIC T6 Gc**
- **Zone 21, AEx tb [ia Da] IIC T72°C Db**

Field Mount Loop Power Transmitter, Series 4200  
CHA/CHB Rated: 18Vdc - 30Vdc max., 22mA max.  
Enclosure: Type 4X, IP66/IP67  
Ambient Temperature Rating:  
Aluminum: -52°C to 65°C  
Stainless-Steel: -60°C to 60°C

Notes:

1. The above model is permanently connected, Equipment Class III, Pollution Degree 4, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: Aluminum: -52°C to 65°C, Stainless-Steel: -60°C to 60°, 2000 m max, 5% to 95% RH, non-condensing

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

For Canada:

- **Class I, Div 1, Groups A, B, C and D T4A Ex ia**
- **Class I, Div 2, Groups A, B, C and D T6**
- **Class II, Div 1, Groups E, F, G T77°C**
- **Ex ia IIB T4 Gb**
- **Ex ia IIB T4 Ga**
- **Ex ia IIC T4 Gb**
- **Ex ia IIC T4 Ga**



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- **Ex ia IIB T77°C Db**
- **Ex ia IIB T77°C Da**
- **Ex ia IIC T77°C Db**
- **Ex ia IIC T77°C Da**

For U.S. :

- **Class I, Div 1, Groups A, B, C and D T4A Ex ia**
- **Class I, Div 2, Groups A, B, C and D T6**
- **Class II, Div 1, Groups E, F, G T77°C**
- **Class I, Zone 0, AEx ia IIB T4 Ga**
- **Class I, Zone 0, AEx ia IIC T4 Ga**
- **Class I, Zone 1, AEx ia IIB T4 Gb**
- **Class I, Zone 1, AEx ia IIC T4 Gb**
- **Zone 20, AEx ia IIB T77°C Da**
- **Zone 20, AEx ia IIC T77°C Da**
- **Zone 21, AEx ia IIB T77°C Db**
- **Zone 21, AEx ia IIC T77°C Db**

Field Mount Loop Power Transmitter, Series 4200  
 CHA/CHB Rated: 18Vdc - 30Vdc max., 22mA max.  
 Enclosure: Type 4X, IP66/IP67

Operating temperature range: ~~-40°C to +65°C~~ Aluminum: -52°C to 65°C, Stainless-Steel: -60°C to 60°C

Notes:

1. The above model is permanently connected, Equipment Class III, Pollution Degree 4, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: ~~-40°C to 65°C, 2000 m max,~~ Aluminum: -52°C to 65°C, Stainless-Steel: -60°C to 60°C, 2000 m max, 5% to 95% RH, non-condensing

Model Code	Marking
<b>4200</b> abcdeAAghijlmnn	Class I, Div 1, Groups C and D T6 Class I, Div 2, Groups A, B, C and D T6 Class II, Div 1, Groups E, F, G T6 Or AEx/Ex db [ia Ga] IIB T6 Gb AEx/Ex db [ia Ga] IIC T6 Gb AEx/Ex db eb [ia Ga] IIB T6 Gb AEx/Ex db eb [ia Ga] IIC T6 Gb AEx/Ex ec [ia Ga] IIC T6 Gc AEx/Ex tb [ia Da] IIC T72°C Db IP66/IP67



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Model Code	Marking
<b>4200</b> abcde <b>AB</b> ghijlmnn	Class I, Div 1, Groups A, B, C and D T4A Class I, Div 2, Groups A, B, C and D T6 Class II, Div 1, Groups E, F, G T6 Or AEx/Ex ia IIB T4 Gb AEx/Ex ia IIB T4 Ga AEx/Ex ia IIC T4 Gb AEx/Ex ia IIC T4 Ga AEx/Ex ia IIIB T77°C Db AEx/Ex ia IIIB T77°C Da AEx/Ex ia IIIC T77°C Db AEx/Ex ia IIIC T77°C Da AEx/Ex ec [ia Ga] IIC T6 Gc AEx/Ex tb [ia Da] IIIC T77°C Db IP66/IP67
<b>4200</b> Jbcde <b>AB</b> ghijlmnn <b>4200</b> Pbcde <b>AB</b> ghijlmnn	Class I, Div 1, Groups A, B, C and D T4A Class I, Div 2, Groups A, B, C and D T6 Class II, Div 1, Groups E, F, G T6 Or AEx/Ex ia IIB T4 Gb AEx/Ex ia IIB T4 Ga AEx/Ex ia IIC T4 Gb AEx/Ex ia IIC T4 Ga AEx/Ex ia IIIB T77°C Db AEx/Ex ia IIIB T77°C Da AEx/Ex ia IIIC T77°C Db AEx/Ex ia IIIC T77°C Da AEx/Ex tb [ia Da] IIIC T77°C Db IP66/IP67
<b>4200</b> abcde <b>2A</b> ghijlmnn	Class I, Div 2, Groups A, B, C and D T6 Class II, Div 2, Groups F, G T72°C Or AEx/Ex ec [ia Ga] IIC T6 Gc AEx/Ex tc [ia Da] IIIC T72°C Dc IP66/IP67

\*\*\*Stars indicated above do no effect safety.

**4200 Series Model Code Nomenclature:**

**4200abcdeffghijlmnn**

**(a) Mounting**

- I = Integral Mount AL
- J = Integral Mount SST
- R = 4-wire remote mount transmitter AL



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M = 4-wire remote mount transmitter SST  
 C = 9-wire remote mount transmitter AL  
 P = 9-wire remote mount transmitter SST  
 S = Integral Mount AL for retrofit

**(b) Power**

1 = 18 to 100 VDC and 85 to 265 VAC; self-switching

**(c) Display Options**

2 = Backlit dual line Display  
 3 = No Display  
 5 = Backlit dual line Display = Ex \*\*\* IIC T6 Gb  
 V = Backlit dual Line Display w/ WiFi

**(d) Output Options**

A = Configurable Outputs  
 C = Ethernet Outputs  
 D = IS I/O  
 E = IS Foundation Fieldbus H1  
 N = Non-IS Foundation Fieldbus H1

**(e) Conduit Connections**

(B, C, D) = 1/2" NPT  
 (E, F, G) = M20

**(ff) Approval**

AA = Class I Div 1 Ex Proof  
 AB = Class I Div 1 IS  
 2A = Class I Div 2

**(g, h, i, j, k, l, m, nn) No Influence on Method of Protection**

Input Entity Parameters:

Parameters	Series 4200	
	gas application	dust application
Terminals	4-20mA Hart Loop Connections (CH A, CH B)	4-20mA Hart Loop Connections (CH A, CH B)
Voltage $V_{max}/U_i$	DC 30 V	DC 30 V
Current $I_{max}/I_i$	300mA	300mA
Power $P_i$	1.0W	1.0W
Effective internal capacitance $C_i$	1320pF	1320pF
Effective internal inductance $L_i$	2.86uH	2.86uH



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Output Entity Parameters, Group IIC:

Parameters	Series 4200	
	gas application	dust application
Terminals	Drive +, Drive -	Drive +, Drive -
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	1.52A Instantaneous 0.136A Steady State	1.52A Instantaneous 0.136A Steady State
P <sub>o</sub>	0.81W	0.81W
C <sub>o</sub>	22μF	22μF
L <sub>o</sub>	15.4μH	15.4μH
L <sub>o</sub> /R <sub>o</sub>	14.4μH/Ω	14.4μH/Ω

Output Entity Parameters, Group IIB:

Parameters	Series 4200	
	gas application	dust application
Terminals	Drive +, Drive -	Drive +, Drive -
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	1.52A Instantaneous 0.136A Steady State	1.52A Instantaneous 0.136A Steady State
P <sub>o</sub>	0.81W	0.81W
C <sub>o</sub>	500μF	500μF
L <sub>o</sub>	61.6μH	61.6μH
L <sub>o</sub> /R <sub>o</sub>	57.5μH/Ω	57.5μH/Ω

Output Entity Parameters, Group IIC:

Parameters	Series 4200	
	gas application	dust application
Terminals	Pick Off's (RPO-), (RPO+), (LPO-), (LPO+)	Pick Off's (RPO-), (RPO+), (LPO-), (LPO+)
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	2.63mA	2.63mA
P <sub>o</sub>	4.3mW	4.3mW
C <sub>o</sub>	22μF	22μF
L <sub>o</sub>	5.1H	5.1H



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L <sub>o</sub> /R <sub>o</sub>	8.3mH/Ω	8.3mH/Ω
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Output Entity Parameters, Group IIB:

Parameters	Series 4200	
	gas application	dust application
Terminals	Pick Off's (RPO-), (RPO+), (LPO-), (LPO+)	Pick Off's (RPO-), (RPO+), (LPO-), (LPO+)
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	2.63mA	2.63mA
P <sub>o</sub>	4.3mW	4.3mW
C <sub>o</sub>	500μF	500μF
L <sub>o</sub>	20.5H	20.5H
L <sub>o</sub> /R <sub>o</sub>	33.2mH/Ω	33.2mH/Ω

Output Entity Parameters, Group IIC:

Parameters	Series 4200	
	gas application	dust application
Terminals	J6 Pins 1(RTD SNS),2(RTD LO),9(RTD HI)	J6 Pins 1(RTD SNS),2(RTD LO),9(RTD HI)
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	12.3mA	12.3mA
P <sub>o</sub>	20mW	20mW
C <sub>o</sub>	22μF	22μF
L <sub>o</sub>	235mH	235mH
L <sub>o</sub> /R <sub>o</sub>	1.78mH/Ω	1.78mH/Ω

Output Entity Parameters, Group IIB:

Parameters	Series 4200	
	gas application	dust application
Terminals	J6 Pins 1(RTD SNS),2(RTD LO),9(RTD HI)	J6 Pins 1(RTD SNS),2(RTD LO),9(RTD HI)
U <sub>o</sub>	6.51V	6.51V
I <sub>o</sub>	12.3mA	12.3mA
P <sub>o</sub>	20mW	20mW
C <sub>o</sub>	500μF	500μF
L <sub>o</sub>	940mH	940mH
L <sub>o</sub> /R <sub>o</sub>	7.1mH/Ω	7.1mH/Ω



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**PART B: Model 4700**

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

- Class I, Division 1, Groups C, D T6**
- Class I, Division 2, Groups A, B, C, D T6**
- Class II, Division 1, Groups E, F, G T6**
- Class I, Zone 1, Ex db [ia Ga IIC] IIB+H2 T6 Gb**
- Class I, Zone 1, Ex db [ia Ga] IIC T6 Gb**
- Class I, Zone 1, Ex db eb [ia Ga IIC] IIB+H2 T6 Gb**
- Class I, Zone 1, Ex db eb [ia Ga IIC] IIB+H2 T6 Gb**
- Class I Zone 1, Ex db eb [ia Ga] IIC T6 Gb**
- Class I Zone 2, Ex ec [ia Ga] IIC T5 G**
- Zone 21, AEx tb [ia Da] IIC T80°C Db**
- Zone 21, AEx tb [ia Da] IIC T80°C Db**
- Zone 22, AEx tc [ia Da] IIC T80°C Dc**

Field Mount Loop Power Transmitter, Series 4700  
 CHA/CHB Rated: 18Vdc - 30Vdc max.,  
 Enclosure: Type 4X, IP66/IP67  
 Ambient Temperature Rating:  
 Aluminum: -52°C to 65°C  
 Stainless-Steel: -60°C to 60°C

Notes:

1. The above model is permanently connected, Equipment Class III, Pollution Degree 4, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: Aluminum: -52°C to 65°C, Stainless-Steel: -60°C to 60°C, 3000 m max, 5% to 95% RH, non-condensing

Model Code	Marking
4700abcdeffghijlmnn	Explosion Proof with I.S. output to sensor for Class I, Div 1, Groups C, D Class I, Div 2, Groups A, B, C, D Class II, Div. 1, Groups E, F, G

~~**4700 Series Model Code Nomenclature:** abcdeffghijlmnn, same as indicated above for 4200 Series.~~

**4700 Series Model Code Nomenclature:**

**4700abcdeffghijlmnn**





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**(a) Mounting**

- I = Integral Mount AL
- J = Integral Mount SST
- R = 4-wire remote mount transmitter AL
- M = 4-wire remote mount transmitter SST
- C = 9-wire remote mount transmitter AL
- P = 9-wire remote mount transmitter SST
- S = Integral Mount AL for retrofit

**(b) Power**

- 1 = 18 to 100 VDC and 85 to 265 VAC; self-switching

**(c) Display Options**

- 2 = Backlit dual line Display
- 3 = No Display
- 5 = Backlit dual line Display = Ex \*\*\* IIC T6 Gb
- V = Backlit dual Line Display w/ WiFi

**(d) Output Options**

- A = Configurable Outputs
- C = Ethernet Outputs
- D = IS I/O
- E = IS Foundation Fieldbus H1
- N = Non-IS Foundation Fieldbus H1

**(e) Conduit Connections**

- (B, C, D) = 1/2" NPT
- (E, F, G) = M20

**(ff) Approval**

- AA = Class I Div 1 Ex Proof
- AB = Class I Div 1 IS
- 2A = Class I Div 2

**(g, h, i, j, k, l, m, nn) No Influence on Method of Protection**

**Parameters for 4 Wire configurations:**

Gas Group Classification IIB:

Parameters	Series 4700
U <sub>o</sub>	17.2V



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Parameters	Series 4700
I <sub>o</sub>	0.479A Instantaneous 0.272A Steady State
P <sub>o</sub>	2.06W
C <sub>o</sub>	2.04μF
L <sub>o</sub>	619.8μH
L <sub>o</sub> /R <sub>o</sub>	69.0μH/Ω

Gas Group Classification IIC:

Parameters	Series 4700
U <sub>o</sub>	17.2V
I <sub>o</sub>	0.479A Instantaneous 0.272A Steady State
P <sub>o</sub>	2.06W
C <sub>o</sub>	0.333μF
L <sub>o</sub>	154.9μH
L <sub>o</sub> /R <sub>o</sub>	17.26 μH/Ω

**Parameters for 9 Wire Configurations:**

**Drive:**

Gas Group Classification IIC

Parameters for (DRIVE+) and (DRIVE-)	
Parameter	Value
U <sub>o</sub>	10.5V
I <sub>o</sub>	1.06A Instantaneous 0.213A Steady State
P <sub>o</sub>	1.79W
C <sub>o</sub>	2.41μF
L <sub>o</sub>	31.6μH
L <sub>o</sub> /R <sub>o</sub>	12.77μH/Ω

Gas Group Classification IIB:

Parameters for (DRIVE+) and (DRIVE-)	
Parameter	Value
U <sub>o</sub>	10.5V
I <sub>o</sub>	1.06A Instantaneous 0.213A Steady State
P <sub>o</sub>	1.79W
C <sub>o</sub>	16.8μF



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L <sub>o</sub>	126.6μH
L <sub>o</sub> /R <sub>o</sub>	51.1μH/Ω

**Pick-offs**

Signals from a Micro Motion Coriolis Sensor are inputs to the core and are called pick-offs. They are protected by resistive current limiting.

Gas Group Classification IIC:

Parameters for (RPO-), (RPO+), (LPO-), (LPO+)	
Parameter	Value
U <sub>o</sub>	21.0V
I <sub>o</sub>	2.10mA
P <sub>o</sub>	11.0mW
C <sub>o</sub>	0.188μF
L <sub>o</sub>	8.06H
L <sub>o</sub> /R <sub>o</sub>	3.22mH/Ω

Gas Group Classification IIB:

Parameters for (RPO-), (RPO+), (LPO-), (LPO+)	
Parameter	Value
U <sub>o</sub>	21.0V
I <sub>o</sub>	2.10mA
P <sub>o</sub>	11.0mW
C <sub>o</sub>	1.27μF
L <sub>o</sub>	32.2H
L <sub>o</sub> /R <sub>o</sub>	12.9mH/Ω

**RTD**

R19||R20||R21||R22+R23||R25||R26=1.65K+1.98K=3.63K including tolerance

Gas Group Classification IIC:

Parameters for J4 Pins 1(RTD_SNS),2(RTD_LO),9(RTD_HI)	
Parameter	Value
U <sub>o</sub>	21.0V
I <sub>o</sub>	5.78mA
P <sub>o</sub>	30.4mW
C <sub>o</sub>	0.188μF



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L <sub>o</sub>	1.06H
L <sub>o</sub> /R <sub>o</sub>	1.17mH/Ω

**Gas Group Classification IIB:**

Parameters for J4 Pins 1(RTD_SNS),2(RTD_LO),9(RTD_HI)	
Parameter	Value
U <sub>o</sub>	21.0V
I <sub>o</sub>	5.78mA
P <sub>o</sub>	30.4mW
C <sub>o</sub>	1.27μF
L <sub>o</sub>	4.26H
L <sub>o</sub> /R <sub>o</sub>	4.69mH/Ω

**Conditions of Acceptability**

1. Installed as per. control drawing EB-20057521 - CSA-D-IS for Hazardous and Non-Hazardous areas.

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 61010-1-12, 3 <sup>rd</sup> Ed.	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
CAN/CSA/C22.2 No. 213-17	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
CAN/CSA C22.2 No. 25-17	Enclosures for Use in Class II, Division 1, Groups E, F, and G Hazardous Locations
CAN/CSA C22.2 No. 30-20	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:15	Explosive atmospheres - Part 0: Equipment - General requirements
CAN/CSA C22.2 No. 60079-1:16	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
CAN/CSA C22.2 No. 60079-7:16	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
CAN/CSA-C22.2 No. 60079-11:14	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
CAN/CSA C22.2 No. 60079-31:16	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
CAN/CSA-C22.2 No. 94.2-15	Enclosures for electrical equipment, environmental considerations



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UL Std. No. 61010-1, Ed. 3	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General Requirements
UL Std. No 913, 8 <sup>th</sup> Edition	Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.
UL 12.12.01, 9 <sup>th</sup> Edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL Std. No. 60079-0, 6 <sup>th</sup> Edition	Explosive atmospheres - Part 0: Equipment - General requirements
UL 60079-1 7 <sup>th</sup> Edition	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
UL 60079-7 6 <sup>th</sup> Edition	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
UL Std. No. 60079-11, 6 <sup>th</sup> Edition	Explosive atmospheres - Part 11: Equipment Protection by Intrinsic safety "i"
UL 60079-31, 2 <sup>nd</sup> Edition	Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t"
UL 1203, 5 <sup>th</sup> Edition	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 50E, 2 <sup>nd</sup> Edition	Enclosures for electrical equipment, environmental considerations
FM3600:2011	Electrical Equipment for use in Hazardous (Classified) Locations General Requirements
FM3615:2006	Explosion-proof Electrical Equipment General Requirements

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



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Method of Marking: The following markings appear on a permanent 0.05-mm (.020") thick Stainless-Steel nameplate secured to the outside of the 4200 Field Mount Transmitter or CSA Accepted type Adhesive Label listed below.

Nameplate adhesive label material approval information:

Adhesive Label

Pressure Sensitive Adhesive Label for use on Painted Sensor Case or Plastic (Group V)

Manufacturer: DRG Technologies

Type: S-333

Acceptance: Tested according to CSA C22.2 No. 30 Clause 6.12, and UL 969 Clause 7.3.2 as part of CSA Project 70016243(See 70016243\_Test\_Results.zip in \Supporting Documents)

- Manufacturer's name "*Micro Motion Incorporated*", or CSA Master Contract Number "152450", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model designation: As specified in the PRODUCTS section, above.
- Electrical: As specified in the PRODUCTS section, above.
- Ambient temperature rating: As specified in the PRODUCTS section, above.
- Manufacturing date, or serial number, traceable to year and month of manufacture.'
- Enclosure ratings: As specified in the PRODUCTS section, above.
- The CSA Mark, with or without the "C" and "US" indicators, as shown on the Certificate of Conformity.
- Hazardous Location designations: As specified in the PRODUCTS section, above. The word "Class" may be abbreviated "CL", the word "Division" may be abbreviated "DIV", and the word "Groups" may be abbreviated "GRP" or "GP".
- Method of Protection markings (Ex – markings): As specified in the PRODUCTS section, above.
- Temperature Code: As specified in the PRODUCTS section, above.
- For intrinsically safe equipment, the words "INTRINSICALLY SAFE" or "IS" or "I.S." or the symbol "Ex ia".
- CSA Certificate number "CSA 19CA70183767".

The following Caution markings or equivalents are required in English and French.

For CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations and  
CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards:

- "WARNING – EXPLOSION HAZARD DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITIBLE CONCENTRATIONS" A and "AVERTISSEMENT – RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES".
- "WARNING - A SEAL SHALL BE INSTALLED WITHIN 50mm OF THE ENCLOSURE" and "ATTENTION - UN SCÈLLEMENT DOIT ÊTRE INSTALLÉ À MOINS DE 50 mm DU BOÎTIER".



**Certificate:** 70183767  
**Project:** 80158791

**Master Contract:** 152450  
**Date Issued:** August 08, 2023

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- “WARNING – POTENTIAL STATIC HAZARD. CLEAN ONLY WITH A WATER WETTED CLOTH” and “ATTENTION – RISQUE D’ÉLECTRICITÉ STATIQUE POTENTIEL. NETTOYER SEULEMENT AVEC UN LINGE IMBIBÉ D’EAU”. (For AL enclosure only)

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

- “WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY” and “AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE”.

**Notes:**

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Products certified under Class C225802, C225804, C225882, C225884 have been certified under CSA’s ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC).  
[www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

**Certificate:** 70183767

**Master Contract:** 152450

*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>
80158791	2023-08-08	Update to Report 70183767 to include the following changes: - Addition of 4200 Series Stainless-Steel housing configurations. - Addition of Field Mount Loop Power Transmitter 4700 Series (Aluminum and Stainless-Steel housing configuration). - Standard update: CAN/CSA C22.2 No. 30-M1986 (R2012) updated to CAN/CSA C22.2 No. 30-20.
80130150	2022-08-26	Evaluation to update cCSAus report 70183767 for Field Mount Loop Power Transmitter Series 4200 to update report to allow intrinsically safe model 4200J****AB***** to use stainless steel housing.
70183767	2019-02-12	Evaluation of 4200 Transmitter to NA requirements. CI I, Div 1, Gr BCD; CI I, Div 2, Gr ABCD. CI II, Div 1, Gr EFG