



# Certificate of Compliance

<b>Certificate:</b>	80229040	<b>Master Contract:</b>	164367
<b>Project:</b>	80229040	<b>Date Issued:</b>	2025-09-08
<b>Issued to:</b>	<b>Crane Instrumentation &amp; Sampling PFT Corp.</b> 405 Centura Ct. Spartanburg, South Carolina 29303 United States	<b>Issued by:</b>	<i>Rawn Murphy</i> Rawn Murphy, Certification Specialist

**Attention:** Paul Marquez

*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.*



## **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 02 and 2258 82**

**Class I, Div. 2, Groups A, B, C, D T5**

Model(s)	Remarks
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Model DMT-2000abcdef (Div. 2)	See the Product Description
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Multi-variable Flow meter, rated 9.5Vdc, 35mA; maximum ambient temperature +70C. Suffix 'a' may be I, M or S; suffixes b through f may be alphanumeric characters denoting process connections, materials and functions. These devices are for installation in a suitable enclosure acceptable to the local inspection authority

Model(s)	Remarks
Model DMT-2500abcdefg and DMT2550abcdefg (Div. 2)	See the Product Description

Multi-variable Flow meter, rated 9.5Vdc, 100mA; maximum ambient temperature +70C. Suffix 'a' may be I or M; suffixes b through g may be alphanumeric characters denoting process connections, materials and functions. These devices are for installation in a suitable enclosure acceptable to the local inspection authority

Model(s)	Remarks
Model DVM-2000-abcd (Div. 2)	See the Product Description

Digital Valve Manifold, rated 9.5V, 245 mA; maximum ambient temperature +50C. Suffix 'a' may be I, C or M; suffixes b through d may be alphanumeric characters denoting process connections, materials and functions. These devices are for installation in a suitable enclosure acceptable to the local inspection authority

#### **Class 2258 04 and 2258 84**

**Class I, Groups A, B, C, D T4**

**Ex ia IIC T4**

**Class I, Groups A, B, C, D T4**

**AEx ia IIC T4**

Model(s)	Remarks
Model DMT-2000abcdef (Div. 1)	See the Product Description

Multi-variable Flow meter, rated 9.5Vdc, 35mA; intrinsically safe with entity parameters  $V_{max}$  (or  $U_i$ ) = 9.5V,  $I_{max}$  (or  $I_i$ ) = 1.0A,  $C_i$  = 12.5nF,  $L_i$  = 0, when connected per installation drawing 115078 (for DMT2000-I and -M) or 115180 (for DMT2000-S); maximum ambient temperature +70C. Suffix 'a' may be I, M or S; suffixes b through f may be alphanumeric characters denoting process connections, materials and functions

#### **Class 2258 04 and 2258 84**

**Class I, Groups A, B, C, D T4**

**Ex nA [ia/ib] IIC T4**

**Class I, Groups A, B, C, D T4**

**AEx nA [ia/ib] IIC T4**



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Model(s)	Remarks
Model CIM76+ -aa-bb (Div. 2)	See the Product Description

Bus Supply/Communication Gateway, rated 24Vdc, 1.5A; Associated Equipment provides intrinsically safe circuits with entity parameters per installation drawing 115272; device is intended for DIN-rail installation and must be installed in a suitable enclosure in a non-hazardous or Class I, Division 2, Group A,B,C,D / Class I, Zone 2, Group IIC hazardous (classified) location; ambient temperature range +5C to +40C; non-I.S. terminals must not be connected to equipment that uses or generates in excess of 250 Vrms or DC. Suffix 'aa' and 'bb' may be 01 to 07 or 09 to 11

**Class 2258 04 and 2258 84**

**Class I, Groups A, B, C, D T3C**

**Ex ia IIC T3C**

**Class I, Groups A, B, C, D T3C**

**AEx ia IIC T3C**

Model(s)	Remarks
Model DVM-2010-abc and DVM2110-abc (Div. 1)	See the Product Description

Digital Valve Manifold, rated 9.5V, 350 mA; intrinsically safe with entity parameters  $V_{max}$  (or  $U_i$ ) = 9.5V,  $I_{max}$  (or  $I_i$ ) = 1.0A,  $C_i$  = 12.5nF,  $L_i$  = 0, when connected per installation drawing 115234; maximum ambient temperature +70C. Suffix 'a' may be I, C or M; suffixes b and c may be alphanumeric characters denoting connector types and factory options

**Class 2258 04 and 2258 84**

**Class I, Groups A, B, C, D T4**

**Ex nA [ia/ib] IIC T4**

**Class I, Groups A, B, C, D T4**

**AEx nA [ia/ib] IIC T4**

Model(s)	Remarks
Model CIM76-I-aa (Div. 2)	See the Product Description

Bus Supply/Communication Gateway, rated 24Vdc, 1.5A; Associated Equipment provides intrinsically safe circuits with entity parameters per installation drawing 115079; device is intended for DIN-rail installation and must be installed in a suitable enclosure in a non-hazardous or Class I, Division 2, Group A,B,C,D / Class I, Zone 2, Group IIC hazardous (classified) location; ambient temperature range +5C to +40C; non-I.S. terminals must not be connected to equipment that uses or generates in excess of 250 Vrms or DC. Suffix 'aa' may be 01, 08 or 09 and denotes non-I.S. bus type

Model(s)	Remarks
Model SMART-a-bb (Div. 2)	See the Product Description



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Bus Supply/Communication Gateway, rated 24Vdc, 1.5A; Associated Equipment provides intrinsically safe circuits with entity parameters per installation drawing 115272; device is intended for DIN-rail installation and must be installed in a suitable enclosure in a non-hazardous or Class I, Division 2, Group A,B,C,D / Class I, Zone 2, Group IIC hazardous (classified) location; non-I.S. terminals must not be connected to equipment that uses or generates in excess of 250 Vrms or DC. Suffix 'a' may be 1 or 2, Suffix 'bb' may be 00 to 07 or 09 to 11

### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 NO. 0-M91 - General Requirements - Canadian Electrical Code, Part II

CSA C22.2 No. 142-M1987 - Third Edition - Process Control Equipment

CAN/CSA-C22.2 NO. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

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

CAN/CSA C22.2 No. 60079-0:07 - First Edition - Electrical apparatus for explosive gas atmospheres – Part 0: General requirements

CAN/CSA-E60079-11-02 (Second Edition) (R2006) - Electrical Apparatus for Explosive Gas Atmospheres – Part 11: Intrinsic Safety "I"

CAN/CSA-E60079-15-02 (Second Edition) - Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection "h"

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

UL 916 (Third Edition) - UL Standard for Safety Energy Management Equipment

UL 1604:1994 - Third Edition - Including revisions through February 03, 2004 - UL Standard for Safety Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations

ANSI/UL 60079-0:2005 - Fourth Edition - Explosive Atmospheres - Part 0: Equipment - General Requirements

ANSI/UL 60079-11:2007 - Safety Electrical Apparatus for Explosive Gas Atmospheres Part 11: Intrinsic Safety "I" - Second Edition

UL 60079-15:2002 - Electrical Apparatus for Explosive Gas Atmospheres Part 15: Electrical Apparatus with Type of Protection "h" - First Edition

### **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.



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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.

#### DMT2000

- CSA Mark with the C and US designators
- Manufacturers identification
- Model designation
- Serial number, traceable to date of manufacture
- Electrical rating
- Hazardous Location designation: As specified in the PRODUCTS section, above
- The symbol, Exia
- Temperature code rating
- Reference to installation drawing
- Intrinsic safety entity parameters
- Ambient temperature Range
- The warning, WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN HAZARDOUS LOCATIONS
- The warning, WARNING: FOR DIV. 2 INSTALLATIONS, DO NOT CONNECT/DISCONNECT EQUIPMENT WHILE CIRCUITS ARE LIVE UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS

Markings are laser etched onto the housing cover and with some included on a CSA Accepted Adhesive type nameplate affixed to the housing base. Nameplate material is FLEXcon THERMLfilm®, CHEMGARD™ #22361 or ULTRAPLATE SELECT SILVER LABEL FILM



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CIM76 / CIM76+ / SMART

- CSA Mark with the C and US designators
- Manufacturers identification
- Model designation
- Serial number, traceable to date of manufacture
- Electrical rating
- Hazardous Location designation: As specified in the PRODUCTS section, above
- The symbol, [Exia]
- Temperature code rating
- Reference to installation drawing
- Ambient temperature Range
- The statement, ASSOCIATED EQUIPMENT - PROVIDES INTRINSICALLY SAFE CIRCUITS WHEN CONNECTED PER DWG# 115079 (for CIM76 model)
- The statement, ASSOCIATED EQUIPMENT - PROVIDES INTRINSICALLY SAFE CIRCUITS WHEN CONNECTED PER DWG# 115272 (for CIM76+/SMART model)
- the warning, WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY

Markings are on a CSA Accepted Adhesive type nameplate affixed to the housing base. Nameplate material is FLEXcon THERMLfilm®, CHEMGARD™ #22361 or ULTRAPLATE SELECT SILVER LABEL FILM

DVM2000 and DMT25x0

- CSA Mark with the C and US designators
- Manufacturers identification
- Model designation
- Serial number, traceable to date of manufacture
- Electrical rating
- Hazardous Location designation: As specified in the PRODUCTS section, above
- Temperature code rating



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- Ambient temperature Range
  - The warning, WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN DIVISION 2
  - The warning, WARNING: DO NOT CONNECT/DISCONNECT EQUIPMENT WHILE CIRCUITS ARE LIVE UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS

Markings are laser etched onto the housing cover and with some included on a CSA Accepted Adhesive type nameplate affixed to the housing base. Nameplate material is FLEXcon THERMLfilm®, CHEMGARD™ #22361 or ULTRAPLATE SELECT SILVER LABEL FILM

DVM2010 and DVM2110

- CSA Mark with the C and US designators
- Manufacturers identification
- Model designation
- Serial number, traceable to date of manufacture
- Electrical rating
- Hazardous Location designation: As specified in the PRODUCTS section, above
- The symbol, Exia
- Temperature code rating
- Reference to installation drawing
- Ambient temperature Range
- The warning, WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN HAZARDOUS LOCATIONS

Markings are laser etched onto the housing cover and with some included on a CSA Accepted Adhesive type nameplate affixed to the housing base. Nameplate material is FLEXcon THERMLfilm®, CHEMGARD™ #22361 or ULTRAPLATE SELECT SILVER LABEL FILM



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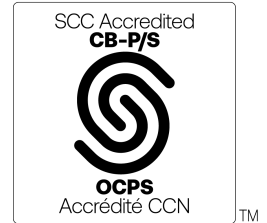
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Notes:

Products certified under Class(es) 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*

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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>
80229040	2025-09-08	Evaluation for update to cCSAus report 2123248 to become report number 80229040 under its new master contract number (164367)/ manufacturer name and to update less than 10 affected marking documents. The action to update standards C22.2 No. 157-92, CAN/CSA-E60079-11-02 (R2006) and CSA C22.2 No. 213-M1987 per the applicable Hazloc Notices shall be completed in the ensuing project.