

# **Certificate of Compliance**

**Certificate:** 70072606 (044092\_0\_000) **Master Contract:** 152450

**Project:** 70072606 **Date Issued:** 2016-07-21

**Issued to:** Micro Motion Incorporated

7070 Winchester Cir Boulder, Colorado 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.



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Issued by: Gunaratne

Jihan Gunaratne

#### **PRODUCTS**

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations -

Certified to US Standards

For Hazardous Locations

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems

For Hazardous Locations - To US Requirements

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - To US Requirements

Class I, Division 2, Groups A, B, C and D

HPC Series Sensors; Maximum Ambient +65°C; Temperature Code T6; Enclosure Type 4X Models HPC010P. Dual Seal, Model Series HPC010P: MWP 15,000 PSI;

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**Hazardous Locations** 

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems – For

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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

HPC Series Sensors; Maximum Ambient +65°C; Temperature Code T3C; Enclosure Type 4X Models HPC010P. Dual Seal, Model Series HPC010P: MWP 15,000 PSI;

Sensors are intrinsically safe when connected per installation instructions Type CSA-D-IS.

#### **APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No 0-10	- General Requirements - Canadian Electrical Code Part II
CSA Standard C22.2 No 25-M1966 (R2014)	- Enclosures for Use in Class II Groups E, F and G Hazardous
GG 1 G 1 1 GGG 6 3 3 6 1 3 4 6 6 4 (Page 1)	Locations
CSA Standard C22.2 No 94-M1991 (R2011)	- Special Purpose Enclosures
CSA Standard C22.2 No 142-M1987 (R2014)	- Process Control Equipment
CSA Standard C22.2 No. 60079-0-15	- Electrical apparatus for explosive Gas Atmospheres Part 0: General Requirement – 2 <sup>nd</sup> Edition
CSA Standard C22.2 No. 60079-11-14	- Electrical apparatus for explosive gas atmospheres;
	Part 11: Intrinsically safety "I"
CSA Standard C22.2 No. 213-16	- 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, Eighth Edition	- Intrinsically Safe Apparatus and Associated Apparatus for use
-	in Class I, II, III, Division 1, Hazardous (Classified) Locations.
UL Standard 1203, Fifth Edition	- Explosion-Proof and Dust-Ignition-Proof Electrical Equipment
,	for Use in Hazardous (Classified) Locations
UL Standard 60079-0- Sixth Edition	- UL Standard for Safety Explosive atmospheres - Part 0:
	Equipment – General requirements - Sixth Edition
UL Standard 60079-11- Sixth Edition	- Electrical apparatus for explosive gas atmospheres;
of Standard 60077 11 Shith Edition	Part 11: Intrinsically safety "I"
ANSI/ISA-12.12.01-2016	- Non-Incendive Electrical Equipment for Use in Class I and II,
	Division 2 and Class III, Divisions 1 and 2 Hazardous
	(Classified) Locations
ANSI/ISA-12.27.01-2011	- Requirements for Process Sealing Between Electrical Systems
	and Flammable or Combustible Process Fluids
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## Supplement to Certificate of Compliance

**Certificate:** 70072606 (044092\_0\_000) **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**

Project	Date	Description
70072606	2016-07-21	New North American Certification to include new model HPC010 similar to previously Certified CMFS Sensors in CSA Report 152450 – 2136049 (Project 2731940) – new model for marketing differentiation. Also per the NEC and CEC, added class zone marking in the marking section. HPC010 Coriolis rated for Class I Div 1 Groups A,B,C,D; Class I Div 2 Groups ABCD; Class II Div 1 Groups EFG