



Certificate of Compliance

Certificate: 1439602

Master Contract: 152450 (044092_0_000)

Project: 70186726

Date Issued: 2018-10-03

Issued to: Micro Motion Incorporated
7070 Winchester Cir
Boulder, Colorado 80301
USA

Attention: Sean Yan

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: Ravindra (Ravi) Kanthe
Ravindra (Ravi) Kanthe

PRODUCTS

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

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

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

Class II, Division 1, Groups E, F and G

H Series Sensors; Maximum Ambient +60°C; Temperature Code T6; Models H025: MWP 2320 PSI; H050: MWP 1500 PSI; H100, H200 and H300: MWP 1450 PSI; Dual Seal.

Note: H Series Sensors; Ambient Temperature range (-40 to +65°C) when used with integral 5700 transmitter.

2258- 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

2258- 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - To US Requirements

Class I, Division 1, Groups 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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H Series Sensors; Intrinsically Safe: Maximum Ambient +60°C; Temperature Code T3A. Models H025: MWP 2320 PSI; H050: MWP 1500 PSI; H100, H200 and H300: MWP 1450 PSI; Dual Seal. Sensors are intrinsically safe when connected per installation instructions drawing CSA-D-IS.

Note: H Series Sensors; Ambient Temperature range (-40 to +65°C) when used with integral 5700 transmitter.

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-M91 | - 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 -15 | - Non-Incendive Electrical Equipment for Use in Class I, Div 2 Hazardous Locations. |
| UL 50, Eleventh Edition | - Enclosures for Electrical Equipment |
| UL 508, Seventeenth Edition | - Industrial Control Equipment. |
| UL 913, Seventh Edition | - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations. |
| UL 1203, Fourth Edition | - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations. |
| ISA-12.12.01-2015 | - 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: 2003 | - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids. |

MARKINGS

Please refer MARKINGS section of Descriptive Report and Test Results for details.



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
70186726	2018-10-03	Update CSA Report 1439602 to add models H300x (E,F,P). Notes: 1) x is material option, include stainless steel and Nickel alloy C22. 2) E, F and P are case codes, to be replaced by with “H300 Alternate Construction”
70079629	2016-07-12	Update of Report 1439602 to include the addition of previously certified 5700 Transmitter interface (CSA Report 2728144), Adhesive Label testing (CSA Project 70072606) and the Type rating. Also per the NEC and CEC, added class zone marking in the marking section. Division 2 T-code changed from T3A to T6 per the accepted test results CSA Project 2539512 (CSA Report 1173497). Testing was performed on a CMF 400 sensor which is similar to H Series Sensors.
2698320	2014-06-17	Update to Report 1439602 to include alternate adhesive epoxy for affixing SS metal labels onto the H Sensors painted enclosure surface; based on testing conducted under project 152450-2668081.
2207573	2009-09-16	Update report 1439602 for H Series to include Dual Seal testing and evaluation to ANSI/ISA 12.27.01-2003; this project to include witness testing for F, H and R Series Sensors.
1742220	2006-01-11	Update CSA Report 1439602; include alternate Drive and PO Coils for H025, H050 and H100. Update to include alternate Feed-Thru.
HISTORY		
1512065	2004-01-21	Update to 1439602 to include alternate construction of H200 pickoff coil.
1458744	2003-08-08	Update to 1439602 to include addition of Model H300.
1439602	2003-05-30	Original Certification of H Series Sensor.