



Certificate of Compliance

Certificate: 1173493 (LR 44092)

Master Contract: 152450

Project: 2401567

Date Issued: April 18, 2011

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.



David Wood

Issued by: David Wood

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 83 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-
Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards

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

CLASS 2258 02, 2258 82

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

F Series Sensors; Non-Incendive: Maximum Ambient +60°C; Temperature Code T3A. Models F025, F050, F100, F200, F300, F025(A, B, C or E), F050(A, B, C or E), F100(A, B, C or E), F300(A, B, C or E) and CMFS015; Dual Seal. See MWP table for respective pressure ratings.



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CLASS 2258 03, 2258 83

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

F Series Sensors; Intrinsically Safe: Maximum Ambient +60°C; Temperature Code T3A. Models F025, F050, F100, F200, F300, F025(A, B, C or E), F050(A, B, C or E), F100(A, B, C or E), F300(A, B, C or E) CMFS015; Dual Seal. See MWP table for respective pressure ratings. Sensors are Intrinsically Safe when connected per installation instructions Type CSA-D-IS.

Model MWP (PSI)

Primary Seal

F025H, B 2160

F025P, S, A 2320

F050S, A 1500

F050H, B 2160

F050P 5000

F100S, A 1450

F100H, B 2160

F200S 1450

F200H 2160

F300S 1450

F300H 2220

CMFS015M 1813

CMFS015H 6000

CMFS015P 6000

Secondary Seal

MVD Feed-Thru 6000

Splined Feed-Thru 6000

APPLICABLE REQUIREMENTS



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CSA Standard C22.2 No. 0 M10 - 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. 30-M1986 - Explosion-Proof Enclosures for Use in Class I 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.

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

UL 50, 11th Edition - Enclosures for Electrical Equipment.

UL 508, 17th Edition - Industrial Control Equipment.

UL 913, 7th Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.

UL 1203, 4th Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.

UL 1604, 3rd Edition - Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations.

ANSI/ISA 12.27.01: 2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.



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
2401567	April 18, 2011	Update of Report 1173493 to include alternate construction of heat extension.
2223396	October 14, 2009	Update report 1173493 for F Series to include Dual Seal Marking; Evaluation and Testing as per Witness testing performed under project 152450-2207573.
1934634	July 27, 2007	Update report 1173493 to include new sensor Model PSC015.
1899115	April 16, 2007	Update report 1173493 to include alternate drive and pickoff coils for the F025 (A, B, C or E), F050 (A, B, C or E), F100 (A, B, C or E) sensors.
1791875	May 25, 2006	Update to report 1173493 to include new sensors and option codes.
1742202	January 11, 2006	Update to report 1173493 to include revised drive and pick off coil drawings.
1668028	June 13, 2005	Addition of Model F300A to Certificate 1173493
1440008	June 10, 2003	SERIES "F" SENSORS - ALT. CONSTRUCTION OF F SERIES; UPDATE 1173493

History

1173493	2001/04/30	Move existing certification of F sensors from certificate 1010411 (LR 44092-111-6) to this certificate. Addition of Certification to US Requirements.
1232348	2001/08/30	Update file drawings for revised extender length.
1305545	2002/04/19	Update to file to include alternate construction.
1322255	2002/06/15	Update to include revised ambient temperature marking.
1362371	2002/09/27	Update to file 1173493 to include optional Aluminum 700 processor enclosure.
1380777	2002/11/28	Update to file to remove references to Heraeus RTD.
1405118	2003/02/11	Update to include alternate construction with revised Figures and Report corrections.
1458231	2003/08/08	Update to include addition of Model F300.
1512060	2004/01/21	Update to include alternate construction of F200 pickoff coil.