



Certificate of Compliance

Certificate: 1116703 (LR 44092)

Master Contract: 152450

Project: 2258729

Date Issued: 2010/05/12

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.



Wesley Van Hill, C.E.T.

Issued by: Wesley Van Hill, C.E.T.

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 225802 and 225882

Class I, Groups C and D; Class II, Groups E, F and G: Enclosure 4

Model RFT 9739E and Model 9739MVD**A (Enclosure 4); Remote Flow Transmitter, input 115/230V ac, 50/60Hz, 30VA max, or 12-30V dc, 30VA max (different units); outputs 30V max, 50mA max.

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

Model RFT 9739E, Model RFT9739D and Model 9739MVD**2 (Enclosure 4);input 115/230V ac, 50/60Hz, 30VA max, or 12-30V dc, 30VA max (different units); outputs 30V max, 50mA max.



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CLASS 2258 03 and 2258 83

Class I, Division. 1, Groups C and D; Class II, Groups E, F and G; and Class I, Division. 2, Groups A, B, C and D; Enclosure 4

Model RFT 9739E and Model 9739MVD**A Remote Flow Transmitters, input 85 - 250V ac, 50/60Hz, 30VA max or 12-30V dc, 30VA max (different units); outputs 30V max, 50mA max; providing intrinsically safe circuits for remote flow sensors. Sensors are intrinsically safe when connected as per installation instructions Type CSA-D-IS.

Class I, Div. 2, Groups A, B, C and D; Enclosure 4

Model RFT 9739D, Model 9739MVD**2 and Model RFT9739R (Rackmount for Ordinary Location); input 115/230V ac, 50/60Hz, 30VA max or 12-30V dc, 30VA max (different units); outputs 30V max, 50mA max; providing intrinsically safe circuits for remote flow sensors. Sensors are intrinsically safe when connected as per installation instructions Type CSA-D-IS.

Note: Remote flow transmitter RFT9739R is for installation in a suitable enclosure, acceptable to the local inspection authority.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 0 M1991 - General Requirements Canadian Electrical Code Part II.

CSA Standard C22.2 0.4-M1982 - Bonding and Grounding of Electrical Equipment (Protective Grounding).

CSA Standard C22.2 0.5-M1992 - Threaded Conduit Entries

CSA Standard C22.2 25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations.

CSA Standard C22.2 94-M1991 - Special Purpose Enclosures.

CSA Standard C22.2 142-M1987 - Process Control Equipment.

CSA Standard C22.2 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

CSA Standard C22.2 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

UL 50, Eleventh Edition - Enclosures for Electrical Equipment

UL 508, Seventeenth Edition - Industrial Control Equipment.



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

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

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



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
2258729	2010/05/12	Update to report 1116073 to include new model variations 9739MVD**A and 9739MVD**2
1672158	2005/05/17	Update to file 1116703 to include additional drawings.

History

LR 44092-102 - February 28, 1994 - Report correction and update

LR 44092-103 - March 9, 1994 - Covers use of flow sensor Model D38

LR 44092-104 - July 7, 1994 - Revised drawings and addition of alternative rackmount version (RFT 9739R)

LR 44092-109 - December 20, 1994 - Covers revisions to report drawings

LR 44092-113 - December 11, 1995 - Covers alternate barrier fuses, display version (RFT 9739D) and alternate Ex-Proof and Rack Mount versions

LR 44092-114 - February 16, 1996 - Alternate Barrier Board parts list, board and trace layouts

LR 44092-117 - December 16, 1996 - Addition of Model CMF010X sensor, enclosure designation change (3 to 3R) and minor report clarifications

LR 44092-118 - January 27, 1997 - Alternate Pick-Off and Drive Coils for CMF200X and 300X

LR 44092-115 - January 23, 1997 - Minor revisions to Barrier Board Layout and alternate Pick-Off Coil

LR 44092-125 - September 17, 1997 - Change transformer specs for RFT9739 flyback TX. New P/N Renco RL-5772 replaces Renco RL-5752 and Western Magnetics WX-1079.

1116703 - August 11, 2000 - Revised Combo Board (Report Re-Issued as 1116703)

1200869 - May 2, 2001 - Alternative headers for connectors CN1, CN2; Revise RC snubber by adding Diode D13 and removing resistor R1, capacitor C3

1206277 - May 31, 2001 - Removal of Sensor Description and Testing to separate certificates and addition of Certification to US Requirements. Update of Drawing Set for European EMC compliance

1297271 - February 28, 2002 - Addition of CMF 400 Sensor CSA-D-IS Documentation