



Certificate of Compliance

Certificate: 1015441

Master Contract: 155387

Project: 70091428

Date Issued: 2017-03-08

Issued to: Rosemount Inc.
6021 Innovation Blvd.
Shakopee, Minnesota 55379-9795
USA
Attention:

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: Priya Mehandru
Priya Mehandru

PRODUCTS

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

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive-Systems- For Hazardous Locations-Certified to U.S. Standards

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

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

- Pressure Transmitters Model 2088, and 2090 Type 4X; rated input 36 Vdc max, output 4-20 mA, Hart digital or 1-5 Vdc low power (Model 2088 only) or Hart digital 1-5 Vdc low power (Model 2088 only); Factory Sealed, with or without integral LCD meter. Model number may have a Suffix P0023. MWP 4000 PSI Max., Single Seal (2088 Model Series only).



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- Pressure Transmitter, Model PX2088S, output 4 to 20 mA, rated input 36 Vdc max, with or without integral LCD meter, Type 4X, factory sealed. MWP 4000 PSI Max., Single Seal.

- Pressure Transmitters Model 3051P and 2051G Type 4X; rated input 42.4 Vdc max, output 4-20 mA; Factory Sealed, with or without integral LCD meter. MWP 4000 PSI Max., Single Seal.

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations – Certified to US Standards

Class I, Division 1, Groups B, C, and D, T5, Ta = -50°C to 85°C; Class I, Division 2, Groups A, B, C and D, T5, Ta = 70°C; Class II, Division 1, Groups E, F, and G, T5, Ta = -50°C to 85°C; Class III;

- Pressure Transmitters Model 2088, and 2090 Type 4X; rated input 36 Vdc max, output 4-20 mA, Hart digital or 1-5 Vdc low power (Model 2088 only) or Hart digital 1-5 Vdc low power (Model 2088 only); Factory Sealed, with or without integral LCD meter. Model number may have a Suffix P0023. MWP 4000 PSI Max., Single Seal (2088 Model Series only).

- Pressure Transmitter, Model PX2088S, output 4 to 20 mA, rated input 36 Vdc max, with or without integral LCD meter, Type 4X, factory sealed. MWP 4000 PSI Max., Single Seal.

- Pressure Transmitters Model 3051P and 2051G Type 4X; rated input 42.4 Vdc max, output 4-20 mA; Factory Sealed, with or without integral LCD meter. MWP 4000 PSI Max., Single Seal.

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

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

- Pressure Transmitters Model 2088A, 2088G, 2090PA, 2090PG, 2090FA and 2090FG, 4X; rated input 36 Vdc max, output 4-20 mA; Hart digital or 1-5 Vdc low power (Models 2088 only) or Hart digital 1-5 Vdc low power (Model 2088 only); intrinsically safe when connected through CSA Certified barrier/converter devices in accordance with Rosemount Dwg No 02088-1024; Temp Code T4 with or without integral LCD meter. Model number may have a Suffix P0023. MWP 4000 PSI Max., Single Seal (2088 Model Series only).

- Pressure Transmitter, Model PX2088S, output 4 to 20 mA, rated input 36 Vdc max, with or without integral LCD meter, Temp Code T4, intrinsically safe when connected per Dwg 02088-1024. MWP 4000 PSI Max., Single Seal.

- Pressure Transmitters Model 3051P and 2051G Type 4X; rated input 42.4 Vdc max, output 4-20 mA; Factory Sealed; intrinsically safe when connected through CSA Certified barrier/converter devices in accordance with Rosemount Dwg No 02088-1024; Temp Code T4 with or without integral LCD meter.. MWP 4000 PSI Max., Single Seal.

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations – Certified to US Standards

Class I/II/III, Division 1, Groups A, B, C, D, E, F, and G, T4; Ta = -50°C to 70°C



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- Pressure Transmitters Model 2088A, 2088G, 2090PA, 2090PG, 2090FA and 2090FG, 4X; rated input 36 Vdc max, output 4-20 mA; Hart digital or 1-5 Vdc low power (Models 2088 only) or Hart digital 1-5 Vdc low power (Model 2088 only); intrinsically safe when connected through CSA Certified barrier/converter devices in accordance with Rosemount Dwg No 02088-1024; Temp Code T3C with or without integral LCD meter. Model number may have a Suffix P0023. MWP 4000 PSI Max., Single Seal (2088 Model Series only).

- Pressure Transmitter, Model PX2088S, output 4 to 20 mA, rated input 36 Vdc max, with or without integral LCD meter, Temp Code T3C, intrinsically safe when connected per Dwg 02088-1024. MWP 4000 PSI Max., Single Seal.

- Pressure Transmitters Model 3051P and 2051G Type 4X; rated input 42.4 Vdc max, output 4-20 mA; Factory Sealed; intrinsically safe when connected through CSA Certified barrier/converter devices in accordance with Rosemount Dwg No 02088-1024; Temp Code T3C with or without integral LCD meter.. MWP 4000 PSI Max., Single Seal.

APPLICABLE REQUIREMENTS

- | | | |
|-----------------------------|---|----------------------------------------------------------------------------------------------------------|
| CAN/CSA C22.2 No. 0-M91 | - | General Requirements - Canadian Electrical Code, Part II |
| CSA Std C22.2 No. 25-1966 | - | Enclosures for Use in Class II, Groups E, F and G Hazardous Locations |
| CSA Std C22.2 No. 30-M1986 | - | Explosion-Proof Enclosures for Use in Class I Hazardous Locations |
| CAN/CSA-C22.2 No. 94-M91 | - | Special Purpose Enclosures |
| CSA Std C22.2 No. 142-M1987 | - | Process Control Equipment |
| CAN/CSA-C22.2 No. 157-92 | - | Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations |
| CSA Std C22.2 No. 213-M1987 | - | Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations |
| ANSI-ISA-12.27.01-2003 | - | Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids. |
| CAN/CSA-60079-0-15 | - | Electrical apparatus for explosive gas atmospheres; Part 0: General requirements |
| CAN/CSA-60079-11-14 | - | Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i” |

FM Standards:

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|---------------------|---|-----------------------------------------------------------------------------------------------------------------------------------|
| FM Class 3600: 2011 | - | Electrical Equipment for Use in Hazardous (Classified) Locations – General Requirements |
| FM Class 3610: 2010 | - | Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II & III, Division 1, Hazardous (Classified) Locations |
| FM Class 3611: 2004 | - | Nonincendive Electrical Equipment for Use in Class I and II, Div. 2 & Class III, Divisions 1 & 2 Hazardous (Classified) Locations |
| FM Class 3615: 2006 | - | Explosion-proof Electrical Equipment, General Requirements |
| FM Class 3810: 2005 | - | Electrical and Electronic Test, Measuring and Process Control Equipment |

Other Standards:

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|-----------------------------|---|--------------------------------------------------------------------|
| ANSI/ISA-60079-0 (12.00.01) | - | 2013 - Electrical apparatus for explosive gas atmospheres; Part 0: |
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ANSI/ISA 60079-11(12.02.01) - General requirements
Explosive Atmospheres –Part 11: Equipment Protection by Intrinsic Safety “i”
ANSI/IEC60529-2004 - Degrees of protection provided by enclosures (IP Code)

MARKINGS

For complete details on marking, refer to the report.



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
70091428	2017-03-08	Update to report 1015441 for model 2088 to add 1) new electronics board. 2) Addition of two new models 3051P and 2051G identical to model 2088. 3) Addition of CSA classes C2258 82 and C2258 83 (for US hazardous locations) based on FM test data and results.
70032643	2015-09-02	Update to report 1015441 to cover updating documentation and minor alternate construction.
2522748	2012-05-09	Alternate constructions of transmitter model 2088 to cover use of "HART 7" option
2174704	2009-08-05	Update of report 1015441 to include drawing update and minor alterate construction (addition of SPI resistors).
2155445	2009-03-25	Update report 1015441 to correct the omission of Single Seal text for the model series PX2088S in the CofC.
2095483	2008-11-14	Update Rpt.1015441 to include Single Seal Markig per ISA 12.27.01. Additional notes on More information page.
1669069	2005-05-09	Modification of the 3051 Low Power Board
1588560	2004-09-08	Alternate construction of Micro Board 5

History

1372906	2003-01-17	Update to Reports 1015441 and 1053834 to cover optional use of HART 1-5V dc Low Power output.
1198888	2001-06-04	Update of Report 1015441 on 2088 and 1053834 on 3051C for revised sensor board.
1156648	2001-01-18	Update of Report 1015441 (Originally Issued as 2500001471) on 2088/2090 to add alternate sensor module and updates.
1015441	1999-11-17	Supersedes Report LR 33332-129 on 2088 to add Omega Private Labeling. (Originally Issued as 2500001471).
LR33332-273	1997-11-12	Update of Report LR 33332-129 on 2088/2090 to add Smart version.



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LR33332-258	1996-08-28	Update of Report LR 33332-129 on 2088/2090 to include option T1 and General Revisions.
LR33332-253	1996-06-12	Update to Report LR 33332-129 on 2088/2090 to add Suffix P0023.
LR33332-210	1994-06-29	Update of Report LR33332-129 on Model 2088 to include Model 2090F.
LR33332-197	1994-03-03	Update of Report LR33332-129 on Model 2088 to include Type 4X, Model 2090 and minor revisions.
LR33332-175	1993-08-18	Update of Report LR33332-129 on Model 2088 to include minor versions, addition of low power model LCD and Private Labels for Fischer and Poter.
LR33332-141	1992-01-13	Update of Report LR33332-129 to include Explosion-proof Certification.
LR33332-129	1991-10-09	Model 2088 Pressure Transmitter, I.S. and Div. 2. Superseded by 1015441.