



Certificate of Compliance

Certificate: 1384913 (LR 33332)

Master Contract: 155387

Project: 2657834

Date Issued: October 22, 2013

Issued to: Rosemount Inc.
8200 Market Blvd
Chanhassen, MN 55317
USA
Attention: Ismir Pekmic

The products listed below are eligible to bear the CSA Mark shown



Ron Wachowicz

Issued by: Ron Wachowicz, C.E.T.

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For
Hazardous Locations

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

EX: Class I, Div 1, Grps BCD; Class II, Div 1, Grps EFG; Class III; Amb: -50°C to 40°C; T-Code T5:

NI: Class I, Div 2, Grps ABCD; Amb: -50°C to 85°C; T-Code T5:

Zones: Ex d IIC, T5; Ambient: -20°C to 40°C:

Pressure transmitter model 4600 (with suffixes), rated 11.25 – 42.4V dc input with a 4-20mA output, Encl. Type 4X. Process Seal ratings: Dual Seal, MWP 5000 PSI for pressure ranges 2 & 4, MWP 20,000 PSI for pressure ranges 5 & 6.

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

IS: Class I, Division 1, Groups ABCD; Temperature Code T3C:



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Pressure transmitter model 4600 (with suffixes), rated 11.25 – 42.4V dc input with a 4-20mA output, Encl. Type 4X, operating ambient between -50°C and 70°C, intrinsically safe when used with CSA certified barriers rated 30V dc/330 ohms or 28V dc/300 ohms or 25V dc/200 ohms or 22Vdc/180 ohms and when installed per submittor's installation drawing 04620-5005. Process Seal ratings: Dual Seal, MWP 5000 PSI for pressure ranges 2 & 4, MWP 20,000 PSI for pressure ranges 5 & 6.

IS: Class I, Division 1, Groups CD; Temperature Code T3C:

Pressure transmitter model 4600 (with suffixes), rated 11.25 – 42.4V dc input with a 4-20mA output, Encl. Type 4X, operating ambient between -50°C and 70°C, intrinsically safe when used with CSA certified barrier rated 30V dc/150 ohms and when installed per submittor's installation drawing 04620-5005. Process Seal ratings: Dual Seal, MWP 5000 PSI for pressure ranges 2 & 4, MWP 20,000 PSI for pressure ranges 5 & 6.

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

IS: Class I, Division 1, Groups ABCD; Temperature Code T3C:

Zones: Ex ia, IIC T4:

Pressure transmitter model 4600 (with suffixes), rated 11.25 – 42.4V dc input with a 4-20mA output, Encl. Type 4X, operating ambient between -50°C and 70°C, entity parameters; $V_{max}/U_i = 30V$ dc, $I_{max}/I_i = 200mA$ dc, $C_i = 35$ nF and $L_i = 390$ mH, intrinsically safe when installed per submittor's installation drawing 04620-5005. Process Seal ratings: Dual Seal, MWP 5000 PSI for pressure ranges 2 & 4, MWP 20,000 PSI for pressure ranges 5 & 6.

APPLICABLE REQUIREMENTS

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 Cl. I, Div. 2 Haz. Loc.

CAN/CSA-E79- 0-95 - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements

CAN/CSA- E79-1-95 - Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Construction and Verification Test of Flameproof Enclosures of Electrical Apparatus

CAN/CSA- E79-11-95 - Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"



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ANSI/ISA No. 12.27.01-2011 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

MARKINGS

- Company name.
- Model number.
- Serial number.
- Electrical rating.
- Hazardous Location designation.
- CSA Monogram.
- Maximum working pressure.
- Ambient Temperature.
- Temperature code
- Enclosure Type

Additional markings for explosion proof / Div. 2 version:

- The words “Conduit Seal Not Required”

Additional markings for Intrinsically Safe version:

- The symbol “Ex ia”
- The words “Intrinsically Safe”
- Reference to installation drawing
- The following “Warning – Substitution of components may impair intrinsic safety” (Note – this warning may appear on installation drawing)

Additional Markings for Process Seal certification:

- The term “Dual Seal”
- Process Temperature Range (if different from Ambient)



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- Process Pressure Range (Pressure range for vacuum applications, otherwise MWP)



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
2657834	Oct 22, 2013	Update to report 1384913 to include Dual Seal marking based on FM report 3017043 test results and Rosemount category testing and increase MWP ratings.
1516884	Feb 27, 2004	Minor Alternate Construction (Eg. moving component from top of pc board to bottom)
1466099	Sep 15, 2003	Update Repot to Cover Addition of High Pressure Range Options (Pressure Ranges 5 and 6)

History

1384913 Dec. 11, 2002 Original Certification.