



Certificate of Compliance

Certificate: 1525224

Master Contract: 200600

Project: 1637868

Date Issued: 2005/02/01

Issued to: Endress + Hauser Wetzer GmbH Co. KG

Obere Wank 1
Nesselwang, 87484
Germany
Attention: Ms. Suzanne Meroth

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



Issued by:

Edward Foo, C.E.T.

Authorized by: Nick Alfano, Operations
Manager

PRODUCTS

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

CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

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

- iTEMP Transmitter, Types TMT 111, 117 and 118. Rated input 12 - 30 V, 23 mA; output 4 - 20 mA.



CSA INTERNATIONAL

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Intrinsically Safe when installed per Control Drawing 14 17 01 112 matching Entity Parameter, $V_{max}/U_i \leq 30$ Vdc, $I_{max}/I_i = 100$ mA, $P_{max}/P_i = 750$ mW, $C_i = 0$, $L_i = 0$. Temperature Code T6 at 50°C, T5 at 65°C, and T4 at 85°C.

- iTEMP Transmitter, Type TMT 112. Rated input 12 - 30 V, 23 mA; output 4 - 20 mA. Intrinsically Safe when installed per Control Drawing 14 18 01 112 matching Entity Parameter, $V_{max}/U_i \leq 30$ Vdc, $I_{max}/I_i = 100$ mA, $P_{max}/P_i = 750$ mW, $C_i = 0$, $L_i = 0$. Temperature Code T6 at 55°C, T5 at 70°C, and T4 at 85°C.

CLASS 2258 02

Class I, Div. 2, Groups A, B, C, and D:

- iTEMP Transmitter, Types TMT 111, 117 and 118. Rated input 12 - 30 V, 23 mA; output 4 - 20 mA. Provides Non-Incendive circuit when installed per Control Drawing 14 17 01 112 matching Entity Parameter, $V_{max}/U_i \leq 30$ Vdc, $I_{max}/I_i = 100$ mA, $C_i = 0$, $L_i = 0$. Temperature Code T6 at 50°C, T5 at 65°C, and T4 at 85°C.

- iTEMP Transmitter, Type TMT 112. Rated input 12 - 30 V, 23 mA; output 4 - 20 mA. Provides Non-Incendive circuit when installed per Control Drawing 14 18 01 112 matching Entity Parameter, $V_{max}/U_i \leq 30$ Vdc, $I_{max}/I_i = 100$ mA, $C_i = 0$, $L_i = 0$. Temperature Code T6 at 55°C, T5 at 70°C, and T4 at 85°C.

CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

- iTEMP Transmitter, Types TMT 111, 117 and 118. SELV or Class 2 supply input 12 - 35 V, output 4 - 20 mA.

- iTEMP Transmitter, Type TMT 112. SELV or Class 2 supply input 12 - 35 V, output 4 - 20 mA.

Note: The above transmitters are certified as components for use in a suitable enclosure where the final combination is subject to the approval of the local inspection authority.

APPLICABLE REQUIREMENTS

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-M87 - Non-Incendive Electrical Equipment for Use in Class I, Div. 2

Hazardous Locations

CAN/CSA-E60079-0:02 - Electrical Apparatus for Explosive Gas

Atmospheres - Part 0: General Requirements

CAN/CSA-E60079-11:02 - Electrical Apparatus for Explosive Gas



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Atmospheres - Part 11: Intrinsic Safety “i”

CAN/CSA-E60079-15:02 - Electrical Apparatus for Explosive Gas

Atmospheres - Part 15: Electrical Apparatus

with Type of Protection “n”.

MARKINGS

- Company name, tradename and/or Master Contract No. 200600;
- Model designation(s);
- Serial Number;
- Reference to Control Dwg;
- Hazardous locations classifications with Temp. Code(s);
- CSA Monogram;
- Warning statement: “Warning: Substitution of components may impair suitability for Intrinsic Safety and Class 1, Div. 2” (may appear in Control Dwg);
- Warning statement: “For Division 2 installations – Do not disconnect equipment unless power has been switched off or the area is known to be non-hazardous” (may appear in Control Dwg).



Supplement to Certificate of Compliance

Certificate: 1525224

Master Contract: 200600

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
1637868	2005/02/01	Minor report revision to include missing models in the Certificate
1613888	2004/11/15	Update to Cover Temperature Rating Correction
1572036	2004/08/09	Update to include C22.2 No. 1010.1-92 for installation in ordinary locations

Supplement Notes