



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1241323

Master Contract: 200600

Project: 1782392

Date Issued: 2006/05/08

Issued to: Endress + Hauser Wetzler Gmbh Co. KG

Obere Wank 1
Nesselwang, 87484
Germany
Attention: Michael Pfanzelt

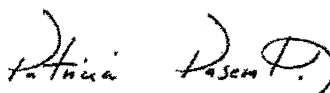
The products listed below are eligible to bear the CSA Mark shown



Issued by:


Edward Foo, C.E.T.

Authorized by: Patricia Pasemko, Operations
Manager



PRODUCTS

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

Ex ia IIC:

· Models TMT 181, TMT187, TMT188 temperature transmitters, input rated 8-30 Vdc, 4-20 mA; with entity parameters: $U_i = 30V$, $I_i = 100mA$, $P_i = 750mW$, $L_i = 0\mu H$, $C_i = 0nF$, intrinsically safe when connected according to Installation Drawing No. 14 05 00 112; Temperature Codes: T6, $T_a = 55^\circ C$; T5, $T_a = 70^\circ C$; and T4, $T_a = 85^\circ C$.

Note: The units are certified as a component for use within an enclosure where the suitability of the final combination is to be determined by authority having jurisdiction. The configuration port shall not be used in



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hazardous area.

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

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

· Models TMT 181, TMT187, TMT188 temperature transmitters, input rated 8-30 Vdc, 4-20 mA. Non-incendive when installed per Control Dwg 14 05 00 112 with a Temperature Codes: T6, Ta =55°C; T5, Ta = 70°C; and T4, Ta = 85°C.

Note: The units are certified as a component for use within an enclosure where the suitability of the final combination is to be determined by authority having jurisdiction. The configuration port shall not be used in hazardous area.

CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

· Models TMT 181, TMT187, TMT188 temperature transmitters, SELV or Class 2 unit, input rated 8-35 Vdc, 4-20 mA, max. ambient temperature of 85°C.

Note: The units are certified as a component for use within an enclosure where the suitability of the final combination is to be determined by authority having jurisdiction. The configuration port shall not be used in hazardous area.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 142-M1987 - Process Control Equipment

CAN/CSA-E60079 No. 0:02 - Electrical apparatus for explosive gas atmospheres. General Requirements

CAN/CSA-E60079 No. 11:02 - Electrical apparatus for explosive gas atmospheres. Intrinsic safety "i"

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

CAN/CSA-C22.2 No. 1010.1-92. Amends 1 and 2 - Safety Requirements For Electrical Equipment For Measurement, Control and laboratory Use: PART 1 General requirements.

MARKINGS

-CSA Monogram

-Company name

-Model number

-Serial number

-Electrical rating



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- Maximum input voltage V_i
- Maximum input current I_i
- Maximum internal capacitance C_i
- Maximum internal inductance L_i
- Hazardous locations designation
- Method of protection Exia IIC,
- Class I, Division 1, Groups A, B, C and D - optional marking
- Class I, Division 2, Groups A, B, C and D
- Temperature Code T4..T6
- Max. Ambient (55°C..85°C)
- A statement re Intrinsically Safe
- Certificate Number (2000.1241323)
- Reference to installation drawing no. 14 05 00 112
- Warning: "Do not disconnect unless...."



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 |
|----------------|-------------|---|
| 1782392 | 2006/05/08 | Update to include N.I. Certification |
| 1661705 | 2005/04/05 | Update to Report to cover ratings correction |
| 1572046 | 2004/07/14 | Update to report 1241323 to cover dwgs revision and include C22.2 No 1010.1-92 for installation in ordinary locations |
| 1562887 | 2004/06/07 | Update report 1241323 to cover drawings revision per May 24/04 request for installation in Haz. Loc. |
| 1495811 | 2003/11/12 | Update to Cover Nameplate Dwg Revision. |
| 1449701 | 2003/06/16 | UPDATE TO REPORT 206700-1241323 TO COVER MINOR REPORT REVISION PER LETTER OF MAY 23RD, 2003. FOR INSTALLATION IN HAZLOC |

History

1241323 Nov. 5, 2001 Original Certification.