

Certificate of Compliance

Certificate: 1360050

Master Contract: 202481

Project: 1360050


Date Issued: January 31, 2003

Issued to: Control Air Inc.
8 Columbia Dr.
Amherst, NH 03031
USA
Attention: Mr. James J. Doyle

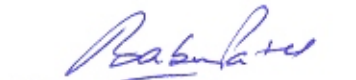
The products listed below are eligible to bear the CSA Mark shown



Issued by:


M. Banu, P. Eng.

Authorized by:


Nick Alfano
Operations Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Ex nA, Group IIC; T4:

Class I, Div 2, Groups A, B, C and D; Class II, Groups E, F and G; Class III, T4; Encl Type 4X (Only the connection option "A"):

- Transducer Model T550-bcA I/P I/P, input rated 7-30V dc, 125mA max. Connected as per ControlAir installation drawing 431-990-036. Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to +70°C.

Note: b = Output Pressure C, D, E, F, G, H, I, J or K.
c = Electrical Signal option A, C, D, E or F.

Ex nA, Group IIC, T4:

Class I, Div 2, Groups A, B, C and D; T4; Encl Type 4X (Only the connection option "A"):

- Transducer Models T550-bcD and T550-bcT I/P, input rated 7-30V dc, 125mA max. Connected as per ControlAir installation drawing 431-990-036. Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to +70°C.

Note: b = Input Signal range A, C, D, E or F.
c = Output Pressure C, D, E, F, G, H, I, J or K.



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Ex nA, Group IIB, T4:

Class I, Div 2, Groups C and D; Class II, Groups E, F and G; Class III; T4; Encl Type 4X (Only the connection option "A"):

- Transducer Model T550-AbA I/P, input rated 7-30V dc, 125mA max. Connected as per ControlAir installation drawing 431-990-036. Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to $+70^{\circ}\text{C}$.

Note: b = Output Pressure C, D, E, F, G, H, I, J or K.

Ex nA, Group IIB, T4:

Class I, Div 2, Groups C and D; T4; Encl Type 4X (Only the connection option "A"):

- Transducer Models AbT and T550-AbD I/P, input rated 7-30V dc, 125mA max. Connected as per ControlAir installation drawing 431-990-036. Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to $+70^{\circ}\text{C}$.

Note: b = Output Pressure C, D, E, F, G, H, I, J or K.

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

Ex ia IIB, T4; Encl Type 4X (Only the connection option "A"):

- Transducer Model T550-AbA I/P, intrinsically safe, with entity parameters: $U_i=30\text{Vdc}$, $I_i=125\text{mA}$, $P_i=0\text{W}$, $C_i=0\mu\text{F}$, $L_i=0\text{mH}$; when connected as per ControlAir installation drawing 431-990-036; Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to $+70^{\circ}\text{C}$.

Note b = Output Pressure C, D, E, F, G, H, I, J or K.

- Transducer Models T550-AbT and AbD I/P, intrinsically safe, with entity parameters: $U_i=30\text{Vdc}$, $I_i=125\text{mA}$, $P_i=0\text{W}$, $C_i=0\mu\text{F}$, $L_i=0\text{mH}$; when connected as per ControlAir installation drawing 431-990-036; Enclosure Type 4X (Only the connection option "A"). Maximum ambient temperature range -30°C to $+70^{\circ}\text{C}$.

Note b = Output Pressure C, D, E, F, G, H, I, J or K.



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APPLICABLE REQUIREMENTS

CAN/CSA Std.	E60079-0:02	-	Electrical Apparatus for Explosive Gas Atmospheres Part 0: General requirements
CAN/CSA Std.	E60079-11:02	-	Electrical Apparatus for Explosive Gas Atmospheres Part 11: Intrinsic Safety "I"
CAN/CSA Std.	E60079-15:02	-	Electrical Apparatus for Explosive Gas Atmospheres Part 15: Type of protection "n"
CSA Std C22.2 No.	213-M1992	-	Non-incendive Electrical Equipment For Use In Hazardous Locations.
CSA Std C22.2 No.	142-M1987	-	Process Control Equipment
CSA Std C22.2 No.	94-M1991	-	Special Purpose Enclosures

MARKINGS

- Company Name
- Model number
- Serial number
- CSA Monogram and certification reference, 2003-1360050X
- Hazardous Location designation
- Temperature Code Rating
- Special purpose enclosure designation, "Type 4X"
- The symbol "Ex ia" or "Ex nA"
- Max ambient temperature range
- Reference to Installation Instructions re. Intrinsic Safety
- Warning re disconnection of equipment in hazardous locations: "WARNING-EXPLOSION HAZARD-DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS"
- Warning re substitution of components: "WARNING-EXPLOSION HAZARDA-SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2"



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1773282

Master Contract: 202481

Project: 1920693

Date Issued: 2007/06/21

Issued to: ControlAir Inc.

8 Columbia Dr
Amherst, NH 03031
USA

Attention: Kevin McInnis

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



Issued by: Dorin Stochituiu, P.Eng

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

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

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 04

Class I, Division 1, Groups A, B, C and D

T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters
Vmax=40V, Imax=150mA, Pmax=0.7W, Ci=0nF, Li=0mH when connected per installation drawing number
431-990-047, Maximum Ambient Temperature 75°C, Temperature Code T4.



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Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

CLASS 2258 02

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

T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C, Temperature Code T4

Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

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

CSA C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

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

MARKINGS

- CSA Monogram
- Company name
- Model name or number
- Serial number or Date of manufacturing
- Electrical Ratings
- Hazardous Location Designation
- Temperature Code
- Maximum Ambient Temperature
- Statement re. Intrinsically Safe and "Ex ia"
- Entity Parameters
- Reference to installation drawing



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- Warning re. substitution of components
- Warning re. do not disconnect



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Project: 2147037

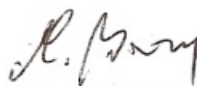
Date Issued: 2009/05/05

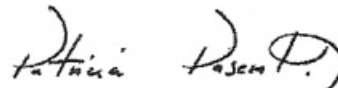
Issued to: ControlAir Inc.
8 Columbia Dr
Amherst, NH 03031
USA
Attention: Kevin McInnis

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Issued by: Marin Banu, P. Eng.


Authorized by: Patricia Pasemko, Operations
Manager



PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For
Hazardous Locations

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

Class I, Division 1, Groups A, B, C and D

- T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters $V_{max} =$



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40V, $I_{max} = 150\text{mA}$, $P_{max} = 0.7\text{W}$, $C_i = 0\text{nF}$, $L_i = 0\text{mH}$ when connected per installation drawing number 431-990-047, Maximum Ambient Temperature 75°C , Temperature Code T4

Note: T590I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Encl. Type 4X and IP65

- T595XP I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters $V_{max} = 40\text{V}$, $I_{max} = 150\text{mA}$, $P_{max} = 0.7\text{W}$, $C_i = 0\text{nF}$, $L_i = 0\text{mH}$ when connected per installation drawing number 431-990-055, Maximum Ambient Temperature 75°C , Temperature Code T4.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1 and 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F and G; Class III; Encl. Type 4X and IP65

- T595XP I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C , Temperature Code T4.

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

- T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C , Temperature Code T4

Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0 -M91 (R 2006) - General Requirements – Canadian Electrical Code – Part II

CSA Std C22.2 No. 142-M1987 (R 2004) - Process Control Equipment



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- CSA std C22.2 No. 157-92 (R2006) - Intrinsically Safe and Non-incendive Equipment for Use in Class I Hazardous Locations
- CSA Std C22.2 No.213-M1987 (R 2004) - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CSA Std C22.2 No. 30-M1986 (R2003) - Explosion-Proof Enclosure for Use in Class I Hazardous Locations
- CSA Std C22.2 No. 25 (R2004) - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
- CSA Std C22.2 No. No. 94 (R2006) - Special Purpose Enclosures
- CAN/CSA E60079-0:02 (R 2006) - Electrical apparatus for explosive gas atmospheres - Part 0: General Requirements
- CAN/CSA E60079-1:02 (R 2006) - Electrical apparatus for explosive gas atmospheres - Part:1 Flameproof Enclosures 'd'
- CAN/CSA E60079-11:02 (R 2006) - Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic Safety 'i'
- CAN/CSA E61241-1-1:02 (R 2006) - Electrical Apparatus for Use in the Presence of Combustible Dust – Part 1-1: Electrical Apparatus Protected by Enclosures and Surface Temperature Limitation
- CSA-C22.2 No. 60529:05 - Degrees of Protection Provided by Enclosures (IP Code)

MARKINGS

- CSA Monogram
- Company name
- Model name or number
- Serial number or Date of manufacturing
- Electrical Ratings
- Hazardous Location Designation: Class I, Division 1, Groups A, B, C and D; (May be optionally marked with the additional Zone markings (e.g. Class I, Zone 1, IIC).



CSA INTERNATIONAL

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- Temperature Code
- Encl. Type 4X and IP65
- Maximum Ambient Temperature
- Statement re. Intrinsically Safe and "Ex ia"
- Entity Parameters
- Reference to installation drawing
- Caution re. substitution of components
- Caution re. do not disconnect
- Caution re. do not open



Certificate of Compliance

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Master Contract: 202481

Project: 70188908

Date Issued: 2018-07-30

Issued to: ControlAir Inc.
8 Columbia Dr
Amherst, New Hampshire 03031
USA
Attention: Mr. Kevin McInnis

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



Issued by: Thomas
Munteanu
T. Munteanu, P.Eng.

PRODUCTS

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

Class I Division 1, Groups B, C, and D; Class II, Division 1, Groups E, F, and G:

Class I, Division 2, Groups A, B, C and D; Class II and III, Division 2, Groups F and G:

- I/P Converter model T950-AxA; rated 7 to 30Vdc, 4 to 20mA; Enclosure Type 4X; Temperature Code T6 (CL I Div 1), T4 (CL I, Div 2), T6 (CL II, III, Div 2); Maximum Ambient 70°C. Suitable for use with process medium methane or natural gas when supplied with captured exhaust option. For Conduit Systems, must be supplied with Potted Conduit Seal Kit (438-549-003). Rated Single Seal, MWP 100 PSI.

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F, and G; Class III:

- E/P Converter model T900-xxAx; input power 7 to 30Vdc; input signal range of 0-10 Vdc, 1-9 Vdc, 0-5 Vdc, 1-5 Vdc; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X.
- I/P Converter model T900-AxAx; rated 7 to 30Vdc, 4 to 20mA; Temperature Code T4; Maximum Ambient 70°C.



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

- E/P Converter models T900-xxDx and T900xxTx; input power 7 to 30Vdc; input signal range of 0-10 Vdc, 1-9 Vdc, 0-5 Vdc, 1-5 Vdc; Temperature Code T4; Maximum Ambient 70°C.
- I/P Converter models T900-AxDx and T900AxTx; rated 7 to 30Vdc, 4 to 20mA; Temperature Code T4; Maximum Ambient 70°C.

CLASS - C225804 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe, Entity - For Hazardous Locations-

**Class I, Div. 1, Groups C and D:
Ex ia IIB (Class I, Zone 0, Group IIB)**

- I/P Converter model T900-AxAx; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T900-AxDx; Temperature Code T4; Maximum Ambient 70°C; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0.030\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T900-AxTx; Temperature Code T4; Maximum Ambient 70°C; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0.030\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T950-AxA; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-025; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$ Suitable for use with process medium methane or natural gas when supplied with captured exhaust option. For Conduit Systems, must be supplied with Potted Conduit Seal Kit (438-549-003). Rated Single Seal, MWP 100 PSI.

APPLICABLE REQUIREMENTS

- CSA Standard C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II.
CSA Standard C22.2 No. 0.4-04 - Bonding and Grounding of Electrical Equipment (Protective Grounding).
CSA Standard C22.2 No.0.5-M1982 - Threaded Conduit Entries
CSA Standard C22.2 No.25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations.
CSA Standard C22.2 No.30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.
CSA Standard C22.2 No.94-M1991 - Special Purpose Enclosures.
CSA Standard C22.2 No.157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.
CSA Standard C22.2 No.213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.
CSA Standard C22.2 No.1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use.
CAN/CSA E60079-0: 07 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.
CAN/CSA E60079-11: 02 - -Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".



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ANSI/ISA 12.27.01: 2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

MARKINGS

Model T900-xxAx

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA mark
- Special Purpose Enclosure rating; Type 4X
- Certificate reference: 2002 1305237

Models T900-xxDx, T900xxTx, T900-AxDx and T900AxTx

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA mark
- Certificate reference: 2002 1305237

Model T950X

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA Mark
- Certificate reference: 2002 1305237
- Special Purpose Enclosure rating: Type 4X
- The term "Single Seal", as applicable
- Process Temperature Range, as applicable (-40°C to +70°C)
- Process Pressure Range. (Max 100 PSI)



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Supplement to Certificate of Compliance

Certificate: 1305237

Master Contract: 202481

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
70188908	2018-07-30	Update of report 1305237 to add pressure range option 'F': 0-33 psig for T950-AxA convertor.
70098710	2016-11-14	Evaluation to update Report 1305237 of T900 and T950 I/P Converters to include numerous revisions to the Enclosure Dimensions. Quote assumes: 1. Quote assumes revisions submitted does not require any testing. 2. Quote include time to review/evaluation all revisions to confirm that no testing is required. 3. Additional funds to be requested for any testing determined required.
2513749	2012-04-04	Update to include revised drawings.
2413811	2011-06-09	Continuation of project 2300568 to update report 1305237 to include Single Seal, project includes one retest and report completion for CAD certification only.
2157574	2009-05-05	Update to Report 1305237 to include update to drawings and revisions.
2132557	2009-02-12	Update to cover correction to Product Listing (Addition of Class I, Div. 1 Groups C and D)
1498112	2003-11-21	Update to 1305237 to include Potted Conduit Seal Kit (448-796-001)



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Attention: Mr. Kevin McInnis

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Issued by: Thomas
Munteanu
T. Munteanu, P.Eng.

PRODUCTS

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

Class I Division 1, Groups B, C, and D; Class II, Division 1, Groups E, F, and G:

Class I, Division 2, Groups A, B, C and D; Class II and III, Division 2, Groups F and G:

- I/P Converter model T950-AxA; rated 7 to 30Vdc, 4 to 20mA; Enclosure Type 4X; Temperature Code T6 (CL I Div 1), T4 (CL I, Div 2), T6 (CL II, III, Div 2); Maximum Ambient 70°C. Suitable for use with process medium methane or natural gas when supplied with captured exhaust option. For Conduit Systems, must be supplied with Potted Conduit Seal Kit (438-549-003). Rated Single Seal, MWP 100 PSI.

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F, and G; Class III:

- E/P Converter model T900-xxAx; input power 7 to 30Vdc; input signal range of 0-10 Vdc, 1-9 Vdc, 0-5 Vdc, 1-5 Vdc; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X.
- I/P Converter model T900-AxAx; rated 7 to 30Vdc, 4 to 20mA; Temperature Code T4; Maximum Ambient 70°C.



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

- E/P Converter models T900-xxDx and T900xxTx; input power 7 to 30Vdc; input signal range of 0-10 Vdc, 1-9 Vdc, 0-5 Vdc, 1-5 Vdc; Temperature Code T4; Maximum Ambient 70°C.
- I/P Converter models T900-AxDx and T900AxTx; rated 7 to 30Vdc, 4 to 20mA; Temperature Code T4; Maximum Ambient 70°C.

CLASS - C225804 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe, Entity - For Hazardous Locations-

**Class I, Div. 1, Groups C and D:
Ex ia IIB (Class I, Zone 0, Group IIB)**

- I/P Converter model T900-AxAx; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T900-AxDx; Temperature Code T4; Maximum Ambient 70°C; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0.030\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T900-AxTx; Temperature Code T4; Maximum Ambient 70°C; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-023; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0.030\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$
- I/P Converter model T950-AxA; Temperature Code T4; Maximum Ambient 70°C; Enclosure Type 4X; Intrinsically Safe with the following entity Parameters when installed as per drawing 431-990-025; $U_i = 30\text{ V}$, $I_i = 125\text{ mA}$, $P_i = 0.70\text{ W}$, $C_i = 0\text{ }\mu\text{F}$, $L_i = 0\text{ mH}$ Suitable for use with process medium methane or natural gas when supplied with captured exhaust option. For Conduit Systems, must be supplied with Potted Conduit Seal Kit (438-549-003). Rated Single Seal, MWP 100 PSI.

APPLICABLE REQUIREMENTS

- CSA Standard C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II.
CSA Standard C22.2 No. 0.4-04 - Bonding and Grounding of Electrical Equipment (Protective Grounding).
CSA Standard C22.2 No.0.5-M1982 - Threaded Conduit Entries
CSA Standard C22.2 No.25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations.
CSA Standard C22.2 No.30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.
CSA Standard C22.2 No.94-M1991 - Special Purpose Enclosures.
CSA Standard C22.2 No.157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.
CSA Standard C22.2 No.213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.
CSA Standard C22.2 No.1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use.
CAN/CSA E60079-0: 07 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.
CAN/CSA E60079-11: 02 - -Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".



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ANSI/ISA 12.27.01: 2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

MARKINGS

Model T900-xxAx

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA mark
- Special Purpose Enclosure rating; Type 4X
- Certificate reference: 2002 1305237

Models T900-xxDx, T900xxTx, T900-AxDx and T900AxTx

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA mark
- Certificate reference: 2002 1305237

Model T950X

- Manufacturer's name
- Type number and date code
- Hazardous Location Ratings
- Maximum input and output ratings (Entity Parameters if applicable)
- Maximum ambient temperature
- Temperature Code Rating
- Control Drawing Reference
- The CSA Mark
- Certificate reference: 2002 1305237
- Special Purpose Enclosure rating: Type 4X
- The term "Single Seal", as applicable
- Process Temperature Range, as applicable (-40°C to +70°C)
- Process Pressure Range. (Max 100 PSI)



Certificate: 1305237
Project: 70188908

Master Contract: 202481
Date Issued: 2018-07-30

Supplement to Certificate of Compliance

Certificate: 1305237

Master Contract: 202481

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
70188908	2018-07-30	Update of report 1305237 to add pressure range option 'F': 0-33 psig for T950-AxA convertor.
70098710	2016-11-14	Evaluation to update Report 1305237 of T900 and T950 I/P Converters to include numerous revisions to the Enclosure Dimensions. Quote assumes: 1. Quote assumes revisions submitted does not require any testing. 2. Quote include time to review/evaluation all revisions to confirm that no testing is required. 3. Additional funds to be requested for any testing determined required.
2513749	2012-04-04	Update to include revised drawings.
2413811	2011-06-09	Continuation of project 2300568 to update report 1305237 to include Single Seal, project includes one retest and report completion for CAD certification only.
2157574	2009-05-05	Update to Report 1305237 to include update to drawings and revisions.
2132557	2009-02-12	Update to cover correction to Product Listing (Addition of Class I, Div. 1 Groups C and D)
1498112	2003-11-21	Update to 1305237 to include Potted Conduit Seal Kit (448-796-001)