



Certificate of Compliance

Certificate: 1305237

Master Contract: 202481

Project: 2413811

Date Issued: June 9, 2011

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



Ron Wachowicz

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

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - 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 2258 04 - 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; $U_i = 30$ V, $I_i = 125$ mA, $P_i = 0.70$ W, $C_i = 0$ μ F, $L_i = 0$ 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; $U_i = 30$ V, $I_i = 125$ mA, $P_i = 0.70$ W, $C_i = 0.030$ μ F, $L_i = 0$ 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; $U_i = 30$ V, $I_i = 125$ mA, $P_i = 0.70$ W, $C_i = 0.030$ μ F, $L_i = 0$ 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; $U_i = 30$ V, $I_i = 125$ mA, $P_i = 0.70$ W, $C_i = 0$ μ F, $L_i = 0$ 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

CAN/CSA-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

C22.2 No. 25-M1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CAN/CSA-C22.2 No. 94-M9191 - Special Purpose Enclosures

CAN/CSA-C22.2 No. 157-M01992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations



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

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"

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