



# Certificate of Compliance

Certificate Number: LR 61725-11

Revision: LR 61725-31

Date Issued: October 19, 1998

Issued To: **FAIRCHILD INDUSTRIAL PRODUCTS CO.**  
3920 West Point Blvd.  
Winston-Salem, NC 27105  
USA  
Attention: **Mr. Stan Przybylowicz**  
Development Engineer, Electronics

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



Issued by: **P.V. Maselli, C.E.T.**  
Toronto, ON Canada

Signature: 

## PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Groups B, C and D; Class II Groups E, F and G; Encl 4:

- Pressure to current converters, Models TCX8001, TCXI8001; rated 4-20mA or 10-50mA, 30V dc max. Maximum ambient 66 Deg C.

Class II, Groups E, F and G:

- Pressure to current converters, Model TACI8001; rated 4-20mA, 30V dc max, Type 4.

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

- Pressure to current converter, Models TCXI8001, TTCI8001, TRCI8001, TDCI8001 and TACI8001; rated 4-20mA, 30V dc max. Temperature Code T3C.

Note: Models TTCI8001, TRCI8001 and TDCI8001 are Certified as components for use in suitable enclosures where the final combination is subjected to acceptance by CSA or the Local Inspection Authority having jurisdiction.

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

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

- Pressure to current converter, Models TCXI8001 and TACI8001; rated 4-20mA, 30V dc max. Intrinsically safe when connected per Dwg EC-18600. Temperature Code T4.

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

- Pressure to current converter, Models TRCI8001, TTCI8001 and TDCI8001; rated 4-20mA, 30V dc max. Intrinsically safe when connected per Dwg EC-18600. Temperature Code T4.

Note: Converters are Certified as components for use in suitable enclosures where the suitability of the final combination is subject to acceptance by CSA or the Local Inspection Authority having jurisdiction.



**APPLICABLE REQUIREMENTS**

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 Class I, Division 2 Hazardous Locations

**MARKINGS**

**All Converters**

- Company identification;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- CSA Monogram.

**Intrinsically Safe Converters**

- The symbol Exia;
- The words "INTRINSICALLY SAFE/SECURITE INTRINSEQUE";
- Reference to Installation Instructions;
- A statement re Intrinsically Safe;
- Temperature Code T4;
- Special purpose enclosure designation "Type 4" (TACI8001 only);

**Explosion/Dust Ignition Proof Converters**

- Special purpose enclosure designation "Type 4";
- Bilingual caution re keeping cover tight while circuits are live;
- Maximum ambient 66 Deg C.

**Division 2 Converters**

- Temperature Code T3C.