



# Certificate of Compliance

**Certificate:** 1135121 (LR 61725-13)

**Master Contract:** 157176

**Project:** 2669882

**Date Issued:** November 22, 2013

**Issued to:** Fairchild Industrial Products

**Company**  
**3920 West Point Blvd.**  
**Winston-Salem, NC 27103**  
**USA**  
**Attention: Stan Przybylowicz**

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



*Gary Benden*

**Issued by:** Gary Benden

## **PRODUCTS**

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

- Current to pressure converter, Models TTCI7800, TRCI7800, TDCI7800, and TACI7800; rated 4-20mA, 30V dc max. Temperature Code T6. Maximum ambient 66°C.
- Current to pressure converter, Models Z21451-11, -12, -13, -14, -15 and -16; rated 4-20mA, 30V dc max. Temperature Code T6. Maximum ambient 66°C.

Note: Models TTCI7800, TRCI7800, TDCI7800, and Z21451 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 II, Div 2, Groups E, F and G:**

- Current to pressure converter, Model TACI7800; rated 4-20mA, 30V dc max. Type 4 enclosure. Maximum ambient 66°C.



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

**Class I, Groups C and D:**

- Current to pressure converter, Models TRCI7800, and TTCI7800; rated 4-20mA, 30V dc max. Intrinsically safe when connected per Dwg ED-18971. Temperature Code T6 for ambient -40°C to 40°C and T4A for ambient -40°C to 66°C. 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.

**Class I, Groups C and D; Class II Groups E, F and G; Type 4:**

- Current to pressure converter, Models TACI7800 and TDCI7800; rated 4-20mA, 30V dc max. Intrinsically safe when connected per drawing ED-18971. Temperature Code T6 for ambient -40°C to 40°C and T4A for ambient -40°C to 66°C.
- Current to pressure converter, Model Z21451-11, -12, -13, -14, -15 and -16; rated 4-20mA, 30V dc max. Intrinsically safe when connected per drawing 21479. Temperature Code T6 for ambient -40°C to 40°C and T4A for ambient -40°C to 66°C.

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 0-M91	General Requirements-Canadian Electrical Code, Part II
CSA C22.2 No 25-1966	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
CAN/CSA-C22.2 No. 94-M91	Special Purpose Enclosures
CSA 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 C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations



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## **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.
- Special purpose enclosure designation "Type 4", (Models TACI and TDCI only).

### Division 2 Converters

- Temperature Code T6.