



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1555768 (LR 16426)

**Master Contract:** 154490

**Project:** 2008685

**Date Issued:** 2008/05/14

**Issued to:** Fisher Controls International, Inc.

205 S Center St  
Marshalltown, IA 50158  
USA  
Attention: Daniel Moyer

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



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

**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 02**

**Class I, Division 1 and 2; Groups A,B,C,D; Class II, Division 1, Groups E,F,G; Class II, Division 2,  
Groups F,G; Class III; Ex d IIC; Ex nC IIC**

Current to Pressure Convertor, Model I2P-100; rated 30 Vdc max, 4-20 mA;  $-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$ ; Temperature  
Code T5; Max input pressure 50 PSI (Air or Natural Gas); Single Seal; Enclosure Type 3, IP 64;



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**CLASS - 2258 04**

**Class I, Division 1 and 2; Groups A,B,C,D; Class II, Division 1, Groups E,F,G; Class II, Division 2, Groups F,G; Class III; Ex ia IIC**

Current to Pressure Convertor, Model I2P-100; rated 30 Vdc max, 4-20 mA;  $-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$ ; Temperature Code T3 @  $T_a \leq 85^{\circ}\text{C}$  and T4 @  $T_a \leq 81^{\circ}\text{C}$  and T5 @  $T_a \leq 46^{\circ}\text{C}$ ; Max input pressure 50 PSI (Air or Natural Gas); Single Seal; Enclosure Type 3, IP64; Intrinsically Safe when installed as per drawing GE07471 with the following Entity Parameters:  $V_{\text{max}} = 30\text{Vdc}$ ,  $I_{\text{max}} = 150\text{mA}$ ,  $P_{\text{max}} = 1.0\text{W}$ ,  $C_i = 0\mu\text{F}$ ,  $L_i = 0\mu\text{H}$

**APPLICABLE REQUIREMENTS**

C22.2 No 0 - M1991 - General Requirements - Canadian Electrical Code Part II.

C22.2 No 0.4 - M2004 - Bonding and Grounding of Electrical Equipment (Protective Grounding).

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 - Explosionproof Enclosures for Use in Class I Hazardous Locations.

C22.2 No 94 - M1991 - Special Purpose Enclosures.

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

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

C22.2 No 61010-1:04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use:  
PART 1: General Requirements

CAN/CSA E60079-0:07 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.

CAN/CSA E60079-1:07 - Electrical apparatus for explosive gas atmospheres. PART 1: Construction and verification test of flameproof enclosures of electrical apparatus.

CAN/CSA E60079-11:02 - Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".

CAN/CSA E60079-15:02 - Electrical apparatus for explosive gas atmospheres. PART 15: Type of protection "n"

IEC60529:2001 - Degrees of protection provided by enclosures (IP Code)

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