



# Certificate of Compliance

**Certificate:** 2781570

**Master Contract:** 184981

**Project:** 2781570

**Date Issued:** July 31, 2015

**Issued to:** Industrial Monitoring Instr. (IMI)

A Div. of PCB Piezotronics, Inc.  
3425 Walden Ave  
Depew, NY 14043  
USA  
Attention: Bill Hynd

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Behzad Nejad*

**Issued by:** Behzad Nejad, P.Eng.

## **PRODUCTS**

**CLASS 2258 83** - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards

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

**Ex ic IIC T4 Gc**

**AEx ic IIC T4 Gc**

**Class I, Div. 2, Groups A, B, C, D T4**

Models EX629XYYYZ series accelerometer; non-incendive with entity parameters as shown below; must be installed per installation drawing 59663; temperature code as shown below;

X: is a letter that signifies family type

YYY: is a number that signifies changes to filtering, gain, frequency response etc.

Z: is a letter that signifies family type



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Entity Parameters	Temperature Code
$U_i / V_{max} = 28V$ $I_i / I_{max} = 120mA$ $P_i / P_{max} = 840mw$ $C_i = 15nF$ $L_i = 0H$	T4 (-40°C to 80°C)

Note: The installer shall insure that the transducer mounting structure is at the same grounding potential as the barrier ground. Total earth loop impedance shall be less than 1ohm.

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 0-M91 (R2001)	General Requirements – Canadian Electrical Code, Part II
C22.2 No. 142-M1987 (R2009)	Process Control Equipment
C22.2 No. 213-M1987 (R2013)	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:11	Explosive Atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 No. 60079-11:14	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i"
UL 916-4Th Edition	Energy Management Equipment
ANSI/ISA-12.12.01-2013	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/UL 60079-0:13	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL 60079-11:13	Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"