

Certificate of Compliance

Certificate: 2397520 (LR 103164)

Master Contract: 184981

Project: 2397520

Date Issued: May 19, 2011

Issued to: Industrial Monitoring Instr. (IMI)

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

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.



Edward Foo

Issued by: Edward Foo, C.E.T.

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards

Ex ia IIC / AEx ia IIC: Class I, Zone 0:

Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III, Div. 1:

• High Temperature Vibration Sensor, Model EX600XYY Series, input rated 28 Vdc max, 20 mA max. Intrinsically safe with entity parameters $U_i = 28V$, $I_i = 120mA$, $P_i = 1W$, $C_i = 0nF$, $L_i = 0\mu H$ when installed per installation Dwg. 48769. Temperature Code T4, $T_{amb} = 121^\circ C$.

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



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CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Ex nA IIC / AEx nA IIC: Class I, Zone 2:

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

• High Temperature Vibration Sensor, Model EX600XYY Series, input rated 28 Vdc max, 20 mA max. Non-Incendive with entity parameters $U_i = 28V$, $I_i = 120mA$, $P_i = 1W$, $C_i = 0nF$, $L_i = 0\mu H$ when installed per installation Dwg. 48769. Temperature Code T4, $T_{amb.} = 121^\circ C$.

APPLICABLE REQUIREMENTS

- CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II
- 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 (R1999) - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA-60079-0:07 - 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"
- CAN/CSA-E60079-15:02 - Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Electrical Apparatus with Type of Protection "n"
- UL Std. No. 913 7th Ed. 2006 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations
- ANSI/ISA-12.12.01-2007 - Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
- UL Std. No. 916, 4th Ed. (2007) - Energy Management Equipment
- ANSI/UL 60079-0: 5th Ed. 2009 - Explosive Atmospheres - Part 0: Equipment - General Requirements



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ANSI/UL 60079-11: 5th Ed. 2009 - Explosive Atmospheres - Part 11: Equipment Protection by
Intrinsic Safety "i"

ANSI/UL 60079-15: 3rd Ed. 2009 - Electrical Apparatus for Explosive Gas Atmospheres - Part 15:
Construction, Test and Marking of Type of Protection "n".



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2397520	May 19, 2011	CSAc/us Certification of High Temperature Vibration Sensor, Model EX600XYY Series, for Class I, Divisions 1 and 2, Groups A, B, C & D; Ex ia IIC/AEx IIC; Ex nA IIC/AE nA IIC; Class II, Div. 1, Groups E, F & G; Class III, Div. 1 hazardous locations.