



# Certificate of Compliance

**Certificate:** 1140235 (207199)

**Master Contract:** 207199

**Project:** 70158250

**Date Issued:** 2018-01-19

**Issued to:** LORD Corporation  
237 Commerce Dr  
Amherst, New York 14228  
USA

**Attention:** David Edeal

*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.*



**Issued by:** *Rawn Murphy*  
Rawn Murphy

## PRODUCTS

**CLASS - C225804 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe, Entity - For Hazardous Locations-**

**CLASS - C225884 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity-- For Hazardous Locations - Certified to US Standards**

**Class I, Division 1, Groups A, B, C, and D T4 (Canada & USA)**

**Ex ia IIC T4 Ga (Canada)**

**Class I, Zone 0, AEx ia IIC T4 Ga (USA)**

Model GT2250-ab-xxx; 4-20mA Pressure Transmitters, Temperature Transmitters, Load Cells and Strain Gauge Amplifiers; Intrinsically Safe per installation dwg 217872.

Entity Parameters:  $U_i = 28V$ ,  $I_i = 93mA$ ,  $P_i = 651mW$ ,  $C_i = 41.5nF$ ,  $L_i = 1.41mH$ .

Ambient Temperature =  $-40^{\circ}C \leq T_a \leq +85^{\circ}C$ .

Where

- a, denotes pressure ranges from 0 to 30,000
- b, denotes PSIA; PSIG sealed; PSIG True; PSID
- xxx, denotes factory assigned specification code (not relevant to certification compliance)



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**Conditions of Acceptability:**

N/A

**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 142-M1987	Process Control Equipment
CAN/CSA-C22.2 No. 60079-0:15	Explosive atmospheres — Part 0: Equipment — General requirements - Third Edition
CAN/CSA-C22.2 No. 60079-11:14	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety “i” - Second Edition
CSA C22.2 No. 213-M1987	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
UL 916	Energy Management Equipment
ANSI/ISA-60079-0 (12.00.01)-2013 (Sixth Edition)	Explosive atmospheres — Part 0: Equipment — General requirements
ANSI/ISA-60079-11 (12.02.01)-2014 (Edition 6.2)	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety “i”
UL 1604	Class I and II, Division 2, and Class III Hazardous (Classified) Locations

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French (CSA C22.2 No. 0-10, Clause 6.3).

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following information is electro-etched directly onto the body of the stainless steel enclosure:


- Manufacturer’s name, “LORD Corporation” or CSA Master Contract Number “207199” in lieu of Manufacturer’s name, adjacent to the CSA Mark.
- Model number: as specified in the PRODUCTS section.
- Electrical ratings: as specified in the PRODUCTS section.
- Ambient temperature rating: as specified in the PRODUCTS section, above (may be abbreviated).



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- Manufacturing date in MMY format, or serial number in xxxxxx format, traceable to month of manufacture.
- Hazardous Location designation: as specified in the PRODUCTS section, above.
- Temperature Code: as specified in the PRODUCTS section, above
- The CSA Mark, as shown on page 1 of the Certificate of Conformity.
- The following cautions and warnings in English and in French -
  - “ WARNING: SEE CONTROL DRAWING 217872” (equivalent wording is acceptable)
  - The words “INTRINSICALLY SAFE” or “IS” or “I.S.” or the symbol “Ex ia”.

**Nameplate adhesive label material approval information:**

N/A



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70158250	2018-01-19	Update report 1140235 to include new model variations of the original model based upon acceptance of ExTR NO/PRE/ExTR16.0029/00 (IECEX PRE 16.0043 certificate).
1476869	2004-06-21	Update to 1140235 to include Class I, Div 2 and Tamb = 50 to 120C, ratings to the original I.S. Ratings to the GT2250 Series.
1140235	2001-01-09	Original Certification.