



Member of the FM Global Group

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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***LM200.A/b/c Laser Level Transmitter***

NI/I/2/ABCD/T4 -40°C<Ta< 60°C; Type 4X, IP66,  
I/2/AEx nA nC/ IIC/ T4 -40°C<Ta <60°C; Type 4X, IP66,  
DIP/II, III/1/EFG/T6 -40°C<Ta <60°C; Type 4X, IP66  
21/AEx tb/ IIIC/ T85°C, -40°C<Ta <60°C; Type 4X, IP66

b= Lens type (Blank, C, or P)

c= Options (P150, P201, P204, P206, P250, P400, F204, F206, F210, F215, LCD2,  
A800, REFL, G200)

**Special Condition of Safe Use:**

- 1) *USBR/LCD2: Special condition for safe use: This configuration is only to be performed in a non-hazardous environment. No connection shall be made to the D connector (RS232) inside the hazardous area.*
- 2) *Non-conductive materials of the equipment's enclosure present a potential risk for electrostatic sparking. Clean equipment only with a damp cloth.*

### Equipment Ratings:

Non-Incendive for Class I, Division 2, Groups A, B, C, and D, temperature class T4; Dust Ignitionproof for Class II and III, Division 1, Groups E, F, and G, T6; Non-sparking with Enclosed Break Contacts AEx nA nC IIC T4 for Class I, Zone 2; and Protection by enclosure for Zone 21 as AEx tb IIIC T85°C hazardous (classified) locations, indoor/outdoor Type 4X/IP66. Ambient temperature range for equipment is -40°C to +60°C.

FM Approved for:

ABB Inc (Quebec, Canada)  
Quebec, QC Canada

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

FM Class 3600	2011
FM Class 3611	2004
FM Class 3616	2011
FM Class 3810	2005
ANSI/NEMA 250	1991
ANSI/IEC 60529	2004
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-15	2009
ANSI/ISA 60079-31	2009

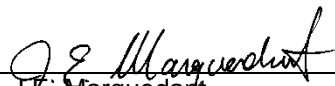
Original Project ID: 3049042

Approval Granted: January 15, 2014

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

  
J.E. Marquardt  
Group Manager, Electrical

15 January 2014  
Date