

CERTIFICATE OF CONFORMITY



1. **ELECTRICAL EQUIPMENT PER US REQUIREMENTS**

2. **Certificate No:** FM17NUS0021

3. **Equipment:** LMS200 Magnetic Level Gauge Switch
(Type Reference and Name)

4. **Name of Listing Company:** ABB Inc - BU Measurement Products

5. **Address of Listing Company:** 125 East County Line Rd
Warminster PA 18974
United States

6. The examination and test results are recorded in confidential report number:

3060068 dated 6th June 2018

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

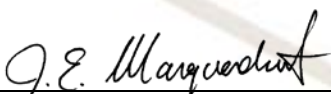
FM Class 3810:2018, ANSI / ISA 61010-1 (82.02.01), ANSI / UL 61010-1:2015, ANSI / NEMA 250:2014, UL 50:2015, UL 50E:2015, ANSI / IEC 60529:2004

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. **Equipment Ratings:**

Equipment for use in Ordinary; indoor and outdoor, Type 4X, IP66/67 locations.

Certificate issued by:



J. E. Marquedant
Manager, Electrical Systems

6 June 2018

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

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SCHEDULE



to US Certificate Of Conformity No: FM17NUS0021

10. **Description of Equipment:**

General - The LMS200 Magnetic Level Gauge Switch is used for measuring fluid level. The LMS200 has two magnetically actuated single pole double-throw switches. The LMS200 enclosure mounts to an external pipe that contains a magnetic float to sense a high or low level within a vessel.

Construction - The LMS200 consists of a single compartment electronics housing with thread-on cover. The enclosure has a single threaded conduit opening.

Ratings - The LMS200 operates at 250 V ac/dc 10 A. The Level Gauge Switch is rated for use in an ambient temperature range of -40°C to +70°C.

LMS200.a.b.c.d Magnetic Level Gauge Switch

a = Approval: Y0

b = Mounting: A1 or A2

c = Insulation: Y0 or P1

d = Electrical Connection Size: A1, A2, A3, C1, C2, C3, or C4

11. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

12. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

13. **Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
6 th June 2018	Original Issue.

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