

CERTIFICATE OF CONFORMITY



1. HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS

2. Certificate No: **FM25US0260X**
3. Equipment:
(Type Reference and Name) **SLL210 Level Sensor**
4. Name of Listing Company: **Mettler-Toledo GmbH**
5. Address of Listing Company: **Im Langacher 44, Griefensee, 8606, Switzerland**

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

PR471322 dated 15th January 2026

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

FM 3600:2022, FM 3611:2021, FM 3810:2021, ANSI/UL 60079-0:2020, ANSI/UL 60079-7:2021 (R2025), ANSI/UL 60079-31:2025, ANSI/IEC 60529:2020, ANSI/UL 61010-1:2012, ANSI/UL 121201:2025

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. 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.

10. Equipment Ratings:

Nonincendive for Class I, II and III, Division 2, Groups A, B, C, D, F and G, Temperature Class T6; Increased Safety, for Zone 2, AEx ec IIC T6 Gc; and for Protected by Enclosure for Zone 22, AEx tc IIIB T85°C Dc. with an ambient temperature range of -20°C to +60°C hazardous (classified) locations.

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

15 January 2026

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

FM Approvals LLC, One Technology Way, Norwood, MA 02062 USA

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F 347 (Jul 24)



SCHEDULE

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11. The marking of the equipment shall include:

CI I, II, III, Div 2, GP A, B, C, D, F, G T6
Zn 2, AEx ec IIC T6 Gc
Zn 22, AEx tc IIIB T85°C Dc
-20°C ≤ Ta ≤ +60°C

12. Description of Equipment:

The SLL210 Level Sensor is designed to detect the level of material in a tank vessel. The electronics are built into the hermetically sealed enclosure consisting of the SLL210 Cover, Cover board and two external threaded socket connections. The two external threaded sockets outlets connections shall only be used with the Mettler-Toledo cable (model 31025746) or the Mettler-Toledo terminator (model 30968163), both of which must be connected to the SLL210 Level Sensor through the Mettler-Toledo protective adapter (model 30968161). All metal-to-metal joints are welded. The connectors sockets have a glue to metal seal. The mainboard is fastened to the counterforce by grounded screws. The connector sockets are welded on the counterforce and are sealed with adhesive. The cover, cover board and connector are welded as a complete enclosure. A gasket is used between the cover and the base plate. The SLL210 Level Sensor is rated 24VDC, 0.55W. The SLL210 Level Sensor is available on two housing sizes 140mm X 140mm X 62mm and 210mm X 210mm X 74mm. The SLL210 Level Sensor monitors storage levels via automation system. The sensor is never in contact with the tank contents. The SLL210 Level Sensor is intended to be installed below the tank. The SLL210 Level Sensor is available in with the following models that provide the following communication protocol over the RS485 connection:

- SLL210A: 4-20mA
- SLL210-AH: 4-20mA HART
- SLL210-IOL: IO-Link

SLL210a Level Sensor

a (communication protocol) = A, AH or IOL

13. Specific Conditions of Use:

1. For Level of Protection "ec" the equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
2. For Level of Protection "ec" transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.
3. For Level of Protection "ec" to avoid electrostatic discharge the labels shall only be cleaned with a damp cloth.
4. For Level of Protection "tc" electrostatic charge of the labels due to propagation brush discharge shall be avoided.
5. The two external threaded socket outlet connections shall only be used with the Mettler-Toledo cable (model 31025746) or the Mettler-Toledo terminator (model 30968163), both of which must be connected to the apparatus through the Mettler-Toledo protective adapter (model 30968161).

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14. Test and Assessment Procedure and Conditions:

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

15. Schedule Drawings

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

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
15 January 2026	Original Issue.



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