

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
2. **Certificate No:** FM18US0102
3. **Equipment:** Model MTII4200 and Model MTII4300 Level Transmitters
(Type Reference and Name) Level Transmitter
4. **Name of Listing Company:** Clark Reliance Inc.
5. **Address of Listing Company:** 16633 FoltZ Parkway
Strongsville, OH 44149
USA
6. The examination and test results are recorded in confidential report number:

3000505 dated 30th September 1998
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3615:2018, FM Class 3810:2018,
ANSI/NEMA 250:1991
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:**

Explosionproof for Class I, Division 1, Groups B, C and D; Dust-ignitionproof for Class II, Division 1, Groups E, F and G; Class III, Division 1; hazardous (classified) locations, indoors and outdoors (Type 4X) with a maximum ambient temperature rating of +71°C.

Certificate issued by:

J.E. Marquedant

J.E. Marquedant
VP, Manager, Electrical Systems

9 April 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

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

SCHEDULE



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11. The marking of the equipment shall include:

Class I Division 1, Groups B, C, D; T6 Ta = +71°C; Type 4X

Class II, Division 1, Groups E, F, G, Class III, Division 1; T6 Ta = +71°C; Type 4X

12. **Description of Equipment:**

The MTII4200/MTII4300 Level Transmitter measures liquid level. The Model MTII4200 Transmitter provides Foundation Fieldbus communications while the MTII4300 Model provides Hart communication or Hart with Sil 2 certified communications. The transmitters consists of a sensor assembly threaded to a housing which contains the electronic assembly and terminal strip. The sensor assembly is constructed of ¼ inch Stainless Steel pipe which is welded to an adaptor with 3/4inch NPT thread for connection to the enclosure assembly. An independent float moves, its position is measured by the waveguide inside the pipe and electronics assembly.

Ratings - The MTII4200 Series Transmitters operates at 24Vdc Foundation fieldbusThe MTII4300 Transmitters operate at 24Vdc 4-20 mA. The MTII4200/MTII4300 Transmitters are rated for use in a maximum ambient temperature of +71°C. The transmitter probes are mounted outside the process chamber and are rated for a process temperature range of -34°C to +343°C

MTII4300-a-b.-c-d-e-f-g/h-F. Level Transmitter.

a = COMM OPTION: S or H

b = HOUSING: A or S

c = TRANSMITTER ORIENTATION: A, B C or D

d = LCD DISPLAY: B, C, D, E, I, M or P

e = ALARM SETTING: H, or L

f = MOUNTING STYLE: H or S

g = MAXIMUM SENSING LENGTH: IN INCHES. 12 Thru 228 (When f = S)/ 12 thru144 INCHES (When f=H) IN 6 INCH INCREMENTS

h = ACTIVE SENSING LENGTH (in inches) 12 to 228.

MTII4200-a-b-c-X-X-d-e/f. Level Transmitter.

a = COMM OPTION:-F

b = HOUSING: A , BA or S

c = TRANSMITTER ORIENTATION: A, B C or D

d = MOUNTING STYLE: H OR S

e =MAXIMUM SENSING LENGTH: IN INCHES. 12 Thru 228 (When d = S)/ 12 thru144 INCHES (When d=H) IN 6 INCH INCREMENTS

f = ACTIVE SENSING LENGTH (in inches) 12 to 228.

13. **Specific Conditions of Use:**

None

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

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

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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
30 th September 1998	Original Issue.
9 th April 2018	<u>Supplement 2:</u> Report Reference: – RR213388 dated 9 th April 2018. Description of the Change: Manufacturer has updated model number to represent SIL2 option and LCD display options for MTII4300 and updated BOM's to include all components, Reconfigure Listing to separate MTII4200 and MTII4300 to clarify model code structure. Generate new certificate format.

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