

EU-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive
2014/34/EU

1. **EU-Type Examination Certificate Number:** ETL25ATEX0511X **Issue 00**
2. **Product:** ****_***_***/*****_***** Level Transmitter
3. **Manufacturer:** Clark Reliance LLC
4. **Address:** 16633 Foltz Pkwy
Strongsville, OH 44149
USA
5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
6. Intertek Testing Services NA Ltd., Notified Body number 2903 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.
7. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018 and EN 60079-1:2014 except in respect of those requirements referred to within item 14 of the Schedule.
8. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
9. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
10. The marking of the product shall include the following:

II 2 G



Ex db IIB+H2 T6 Gb

Tamb: -40°C to +60°C

Certification Officer:



Todd L. Relyea

Date:

28 April 2025

SCHEDULE:

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11. Description of Equipment or Protective System

Flameproof Magneto strictive Level Transmitter constructed completely of threaded joints. Transmitter consists of a certified compartment housing that holds the electronics and various sizes of tube and tee constructed of welded stainless steel that holds the sensor electronics. This is a 4-20mA loop powered device.

| Model Number Designation (****_***_***/*****_*****) | | | | | | | | | | |
|-----------------------------------------------------|----------------|---------------------------------------|--------------------------|--------------------------------------------------------|---------------------------------------------------------|-------------------|------------------|--------------------------------------|------------------|------------------------|
| Brand | Mounting Style | Housing | Transmitter Orientation | Max Sensing Range | Order Length/Measuring Range | Process Condition | Level | Area Classification | Remote Mount | Safety Integrity Level |
| JMT = Jerguson | G = Gage Mount | A2 = Aluminum Dual Compartment | A = Top Left Hand (Std.) | In 1-Inch Increments (12" to 360" [304.8mm to 9144mm]) | In hundreds of inches (12" to 360" [304.8mm to 9144mm]) | S = Standard | S = Single Level | 0 = Ordinary Location | Null = Standard | Null = None |
| PMT = Penberthy | T = In-Tank | S2 = Stainless Steel Dual Compartment | B = Top Right Hand | | | H = High Temp | D = Dual Level | 1 = NA Explosion Proof / Flame Proof | R = Remote Mount | S = SIL |
| | | | C = Bottom Right Hand | | | C = Cold Temp | | 2 = NA Intrinsic Safety | | |
| | | | D = Bottom Left Hand | | | V = Vibration | | 3 = ATEX / IECEx Flame Proof | | |
| | | | | | | | | 4 = ATEX / IECEx Intrinsic Safety | | |

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

12. Report Number

Intertek Report: 106168317CRT-001c Issue: R.2 Dated: 11-April-2025.

13. Special Conditions of Certification

(a). Special Conditions of Use

- Flamepaths are not intended to be modified or repaired.

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- Empty entries are to be properly sealed by the end user with a suitable gland/blanking plug.

(b). Conditions of Manufacture

- Liquid Dye Penetration Inspection required on each sample manufactured per EN 60079-1:2014, Clause 16.3.

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 104580345CRT-002 Issue: R.2 Dated: 5-February-2021.

15. Drawings and Documents

| Title: | Drawing No.: | Rev. Level: | Date: |
|---------------------------------------------------------------------------------|--------------|-------------|------------|
| Assembly: Magnetostrictive Transmitter | A-35152 | 3 | 02/13/2025 |
| Control and Installation Drawing: Explosion Proof: Magnetostrictive Transmitter | CI-35152-XP | 2 | 02/18/2025 |
| Assembly: Tee: JMT | S-25278 | 1 | 12/03/2021 |
| Assembly: Tube and Tee: JMT | S-25371 | 2 | 01/06/2022 |
| Enclosure: Dual Compartment: Ex proof JMT | V-22269 | 0 | 03/18/2019 |
| Tee: Sensor Side: JMT | V-22307 | 1 | 01/06/2022 |
| Tee: Housing Side: JMT | V-22308 | 0 | 02/14/2020 |
| Tube: Outer: 5/8": JMT | V-22312 | 1 | 12/03/2020 |
| Tube: Inner: 3/8": JMT | V-22313 | 1 | 12/03/2020 |
| End: Tube: JMT | V-22316 | 1 | 01/06/2022 |
| Tag: Ex-Proof: ATEX/IECEx: Magnetostrictive Transmitter | V-22482 | 2 | 04/04/2025 |
| Potting: Tee: JMT | V-22627 | 0 | 12/12/2019 |
| Fitting: Seal: ATEX/IECEx: 3/4" x 3/4" NPT | V-22667 | 0 | 04/07/2020 |
| *Tag: Model/Serial | V-22683 | 1 | 02/14/2025 |
| Plug: 3/4" NPT: 316SS: Explosion Proof | X-170950 | 0 | 08/26/2019 |