

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)

2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS19ATEX14921X R.1**

4. **Product:** JMT*-***-***/*****-***** Level Transmitter

5. **Manufacturer:** Clark-Reliance Corporation **Applicant:** Clark-Reliance Corporation

6. **Address:** 16633 Foltz Pkwy **Address:** 16633 Foltz Pkwy
Strongsville, OH 44149 Strongsville, OH 44149
USA USA

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.

8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the equipment or protective system has been found to comply with the essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104580345CRT-002 dated 5 February 2021, Intertek Report: 104529386CRT-002a dated 03-December-2020 and 103788603CRT-002a dated 09-April-2020 and Intertek Report: 104927600CRT-002 dated 10-January-2022.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018 and EN 60079-1:2014 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign X is placed after the certificate number, it indicates that the product is subject to Special Conditions for Safe Use specified in the schedule to this certificate.

11. 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.

12. The marking of the product shall include the following:



II 2 G
Ex db IIB+H2 T6 Gb
Tamb: -40°C ÷ +60°C

24 January 2022

Certificate issue date



Todd L. Relyea
Certification Officer
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This certificate has been issued by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy

LFT-EMEA-IT-ATEX-OP-23a (29 August 2019)



SCHEDULE

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13. DESCRIPTION OF THE 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.

Gage Mount Model Number Designation (JMT*_**.***/****.****)									
<i>Mounting Style</i>	<i>Housing</i>	<i>Transmitter Orientation</i>	<i>Max Sensing Range</i>	<i>Order Length/ Measuring Range</i>	<i>Process Condition</i>	<i>Level</i>	<i>Area Classification</i>	<i>Remote Mount</i>	<i>Safety Integrity Level</i>
G = Gage Mount	A2 = Aluminum Dual Compartment	A = Top Left Hand (Std.)	In 1-Inch Increments (12" to 360" [304.8mm to 9144mm])	In hundredths of an inches (12" to 360" [304.8mm to 9144mm])	S = Standard	S = Single Level	0 = Ordinary Location	Null = Standard	Null = None
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.



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14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
Assembly: Gage Mount: JMT	A-35152	2	01/06/2022
Control and Installation Drawing: Explosion Proof: JMT	CI-35152-XP	1	01/25/2021
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: JMT	V-22482	1	01/25/2021
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: JMT	V-22683	0	04/07/2020
Plug: 3/4" NPT: 316SS: Explosion Proof	X-170950	0	08/26/2019

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

15. SPECIAL CONDITIONS FOR SAFE USE

- Flamepaths are not intended to be modified or repaired.
- Empty entries are to be properly sealed by the end user with a suitable gland/blanking plug.

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 104580345CRT-002 dated 5-February-2021.

17. ROUTINE (FACTORY) TESTS

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



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18. DETAIL OF CERTIFICATE CHANGES

Revision R.0 (Performed under Intertek Report 104580345CRT-002 dated 5-February-2021):

- Initial release by Intertek Italia S.p.A. NB 2575 based on the assessment performed on February 2021 and on the certificate legal ownership transferred from Intertek Testing & Certification Ltd. (NB 0359); the same issued original certificate number is used.
- Change Markings: ATEX NB # from 0359 to 2575.

Revision R.1 (Performed under Intertek Report 104927600CRT-002 dated 10-January-2022):

- Updated Drawing Number A-35152 from Rev.1 to Rev.2.
- Updated Drawing Number S-25278 from Rev.0 to Rev.1.
- Removed Drawing Number S-25348 (Now combined with Drawing Number S-25371).
- Updated Drawing Number S-25371 from Rev.1 to Rev.2.
- Updated Drawing Number V-22307 from Rev.0 to Rev.1.
- Updated Drawing Number V-22316 from Rev.0 to Rev.1.