



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX ETL 19.0030X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 3 [Issue 2 \(2021-02-25\)](#)
Date of Issue: 2022-01-11 [Issue 1 \(2020-12-08\)](#)
[Issue 0 \(2020-04-21\)](#)
Applicant: **Clark-Reliance Corp.**
16633 Foltz Pkwy
Strongsville, OH 44149
United States of America
Equipment: **JMT*_**_**/****_**_* Level Transmitter**
Optional accessory:
Type of Protection: **Flameproof 'db'**
Marking: Ex db IIB+H2 T6 Gb
-40°C to +60°C
IECEX ETL 19.0030X

Approved for issue on behalf of the IECEx
Certification Body:

Kevin J. Wolf

Position:

Certification Officer

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America

intertek



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 19.0030X**

Page 2 of 4

Date of issue: 2022-01-11

Issue No: 3

Manufacturer: **Clark-Reliance Corp.**
16633 Foltz Pkwy
Strongsville, OH 44149
United States of America

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/ETL/ExTR19.0035/00](#)
[US/ETL/ExTR19.0035/03](#)

[US/ETL/ExTR19.0035/01](#)

[US/ETL/ExTR19.0035/02](#)

Quality Assessment Report:

[GB/ITS/QAR11.0005/07](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 19.0030X**

Page 3 of 4

Date of issue: 2022-01-11

Issue No: 3

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Flameproof Magnetostrictive 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.

See Annex of this certificate for complete model number description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- 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.



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 19.0030X**

Page 4 of 4

Date of issue: 2022-01-11

Issue No: 3

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- 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.

Annex:

[SFT-IECEX-OP-19f - Annex for IECEx Certificate of Conformity - Final Clean \(6\).pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ETL 19.0030X	Issue No. 3
Annex No. 2		

Technical Documents			
Title:	Drawing No.:	Rev. 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

*Note: An * is included before the title of documents that are new or revised.*



Annex to IECEx Certificate of Conformity

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Annex No. 2		

Required Manufacturer Routine Testing		
Test	Title/Description of Test	Standard and Clause
1	Liquid Dye Penetration Inspection – required on each sample manufactured	IEC 60079-1 Clause 16.3

Gage Mount Model Number Designation (JMT*_*_*_*_*_*_/*****_*****)									
Mounting Style	Housing	Transmitter Orientation	Max Sensing Range	Order Length/Measuring Range	Process Condition	Level	Area Classification	Remote Mount	Safety Integrity Level
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		