



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	IECEx FMG 14.0032X	Issue No: 2	Certificate history:
Status:	Current	Page 1 of 4	<a href="#">Issue No. 2 (2016-02-02)</a>
Date of Issue:	2016-02-02		<a href="#">Issue No. 1 (2015-06-15)</a>
Applicant:	<a href="#">Issue No. 0 (2015-01-29)</a>		
Electrical Apparatus:	<b>MTS Systems Corp Sensors Division</b>		
Optional accessory:	3001 Sheldon Dr Cary, NC 27513 USA		
Type of Protection:	<b>United States of America</b>		
Marking:	<b>Level Plus Transmitters</b>		
	Level Plus Digital Level Transmitters, Level Plus Analog Level Transmitters. (Tank Slayer, RefineME, SoClean, Chambered)		
	<b>Intrinsic Safety "ia"</b>		
	II 1/2 G Ex ia T4 Ga/Gb Ta=-50°C to 71°C: IP65		

Approved for issue on behalf of the IECEx  
Certification Body:

J.E.Marquedant

Position:

Manager, Electrical Systems

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 the [Official IECEx Website](#).

Certificate issued by:

**FM Approvals LLC**  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
United States of America





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Manufacturer: **MTS Systems Corp Sensors Division**  
3001 Sheldon Dr Cary, NC 27513 USA  
**United States of America**

Additional Manufacturing  
location(s):

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 electrical apparatus 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 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-11 : 2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

*This Certificate **does not** indicate compliance with electrical 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 Report:

[US/FMG/ExTR14.0035/00](#)

[US/FMG/ExTR14.0035/01](#)

[US/FMG/ExTR14.0035/02](#)

### Quality Assessment Report:

[GB/FME/QAR14.0005/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

**Level Plus Digital Level Transmitters. (Tank Slayer, RefineME, SoClean, Chambered) Level Plus Analog Level Transmitters. (Tank Slayer, RefineME, SoClean, Chambered)**

**CONDITIONS OF CERTIFICATION: YES as shown below:**

### X-Marking

1. The apparatus enclosure contains aluminum and is considered to constitute a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact or friction. (*When installed in a Ga Approval*)
2. The maximum permitted ambient temperature of the Level Plus Digital/Analog Level Transmitter is 71 °C. To avoid the effects of process temperature and other thermal effects care shall be taken to ensure the surrounding ambient and the ambient inside the transmitter housing does not exceed 71°C
3. Some models contains non-metallic enclosure parts, to prevent the risk of electrostatic sparking the non-metallic surface should only be cleaned with a damp cloth.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Drawing revisions detailed in ExTR14.0035/02