



# 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](http://www.iecex.com)

Certificate No.: **IECEx FMG 10.0017X**

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Certificate history:

Status: **Current**

Issue No: 10

Issue 9 (2019-05-31)  
Issue 8 (2018-07-30)  
Issue 7 (2018-05-03)  
Issue 6 (2017-11-08)  
Issue 5 (2017-06-22)  
Issue 4 (2017-05-11)  
Issue 3 (2013-12-06)  
Issue 2 (2013-10-11)  
Issue 1 (2012-11-30)  
Issue 0 (2011-02-11)

Date of Issue: 2020-03-26

Applicant: **AMETEK Drexelbrook**  
205 Keith Valley Road  
Horsham PA 19044  
**United States of America**

Equipment: **P\*L\*\*\* ThePoint Level Switch & 700-\* Sensor**

Optional accessory:

Type of Protection: **Intrinsic Safety "i"; Flameproof "d", Protection by enclosure "t"**

Marking: **ThePoint RF Level Switch with Integral Sensor:**

Ex db ia IIC T5 Gb  
Ex tb ia III C T95°C Db  
-30°C ≤ Ta ≤ +70°C; IP66

**ThePoint RF Level Switch Transmitter:**

Ex db [ia Ga] IIC T5 Gb  
Ex tb [ia Da] III C T95°C Db  
-30°C ≤ Ta ≤ +70°C; IP66

**ThePoint Remote Mount Sensor:**

Ex ia IIC T5...T2 Ga  
Ex ia III C T95°C...T290°C Da  
-30°C ≤ Tamb ≤ +70°C; IP66

IECEx FMG 10.0017X  
Input Voltage: 18-200Vdc; 19-250Vac; 50-60Hz; 2W

Approved for issue on behalf of the IECEx  
Certification Body:

**J. E. Marquedant**

Position:

**VP, 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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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



Member of the FM Global Group

<b>420-0004-408</b>		Sht. 1 of 4	ISSUE 11
ISSUE	EDO NO.	APP'D	DATE
11	4-20-102	SGA	8-28-20



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Manufacturer: **AMETEK Drexelbrook**  
205 Keith Valley Road  
Horsham PA 19044  
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 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

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

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

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/FMG/ExTR10.0019/00  
US/FMG/ExTR10.0019/03  
US/FMG/ExTR10.0019/06  
US/FMG/ExTR10.0019/09

US/FMG/ExTR10.0019/01  
US/FMG/ExTR10.0019/04  
US/FMG/ExTR10.0019/07

US/FMG/ExTR10.0019/02  
US/FMG/ExTR10.0019/05  
US/FMG/ExTR10.0019/08

Quality Assessment Report:

NO/PRE/QAR16.0026/04

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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

**See attached.**

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.
2. Care must be taken when installing the aluminium enclosure that even in the event of rare incidents, an ignition source due to impact or friction between the enclosure and iron / steel is excluded.
3. The partially insulated sensing element shall be installed and used in such a way that the danger of electrostatic charge is excluded.
4. The equipment shall be installed in such a way that the risk from electrostatic discharges and propagating brush discharges caused by rapid flow of dust is avoided.

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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
Update QAR.

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