



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 FMG 10.0017X**

Page 1 of 4

Certificate history:

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)

Status: **Current**

Issue No: 10

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 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

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



IECEx Certificate of Conformity

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

Page 2 of 4

Date of issue: 2020-03-26

Issue No: 10

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

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

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

Quality Assessment Report:

NO/PRE/QAR16.0026/04

420-0004-408

Sht 2
of 4

ISSUE
11



IECEx Certificate of Conformity

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

Page 3 of 4

Date of issue: 2020-03-26

Issue No: 10

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.

420-0004-408

Sht 3
of 4

ISSUE
11



IECEx Certificate of Conformity

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

Page 4 of 4

Date of issue: 2020-03-26

Issue No: 10

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Update QAR.

420-0004-408

Sht 4
of 4

ISSUE
11