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 13.0018X**	Page 1 of 4
Status:	**Current**	Issue No: 3
Date of Issue:	2020-08-10	

Applicant: **Fireye Inc.**
3 Manchester Rd.
Derry NH 03038
United States of America

Equipment: **Explosion-Protected Flame Sensor**

Optional accessory:

Type of Protection: **Flameproof "d" and Dust Ignition Protection by Enclosure "tb"**

Marking:
Ex db IIC T6 Gb

Ex tb III C T85°C Db

IP68

-40°C ≤ Ta ≤ +55°C

IECEx FMG 13.0018X

Approved for issue on behalf of the IECEx Certification Body: **James E. Marquedant**

Position: **VP, Manager - Electrical Systems**

Signature:
(for printed version)

Date:
(for printed version)

Certificate issued by:

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

FM Approvals
Member of the FM Global Group

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Manufacturer:

Fireye Inc.
3 Manchester Rd.
Derry NH 03038
United States of America

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
Edition:7.0

Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-1:2014
Edition:7.0

Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

IEC 60079-31:2013
Edition:2

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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/ExTR13.0017/00   US/FMG/ExTR13.0017/01   US/FMG/ExTR13.0017/02

Quality Assessment Report:

US/UL/QAR16.0017/02

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Explosion-Protected Flame Sensors:

MBCE-110FR-1CEX

MBCE-230FR-1CEX

MBCE-110FR-3CEX

MBCE-230FR-3CEX

SPECIFIC CONDITIONS OF USE: YES as shown below:
Specific Conditions of Use:

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.

2. As the Explosion-Protected Flame Sensor is only one element of a flame sensing system for a combustion safeguard, it has not been evaluated by FM Approvals against the combustion safeguard performance requirements. Additional certification and performance testing may be required by jurisdictional authorities.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Minor documentation updates