



Honeywell

EU Declaration of Conformity

In accordance with EN ISO / IEC 17050-1:2010

FS20X

Declaration Number: 2004Y0061_06

Description: WideBand IR™ / UV Fire and Flame Detector
Intended Use: Fire Detection in industrial applications and certified for use in potentially explosive atmospheres

Manufacturer: Honeywell Analytics Inc.
405 Barclay Blvd. Lincolnshire, Illinois 60069. USA

Trading Company: Life Safety Distribution GmbH
Javastrasse 2, 8604 Hegnau, Switzerland

We hereby declare that the product identified above meets the requirements of the following EU Directives and therefore qualifies for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA). This declaration is issued under the sole responsibility of the manufacturer.


ATEX Directive 2014/34/EU

ATEX Hazardous

Notified Body: FM Approvals
1 Windsor Dials, Berkshire. SL4 1RS United Kingdom
Notified Body Number: 1725
EC Certificate Number: FM14ATEX0058X

Conforms to

EN 60079-0:2012+A11:2013* Explosive atmospheres. General requirements
EN 60079-1:2014 Explosive atmospheres. Equipment protection by flameproof enclosures 'd'
EN 60079-31:2014 Explosive atmospheres. Equipment dust ignition protection by enclosure 't'

Type Approval:  II 2 G Ex db IIC T6....T4 Gb IP66
II 2 D Ex tb IIIC T135° C Db IP66

Production Quality Assurance

Notified Body: FM Approvals
1 Windsor Dials, Berkshire. SL4 1RS United Kingdom
Notified Body Number: 1725
EC Certificate Number: FM17ATEXQ0050

Conforms to:

EN ISO/IEC 80079-34:2011 Explosive atmospheres. Application of quality systems for equipment manufacture

* There are no significant changes relevant to the product between EN 60079-0:2012 and EN 60079-0:2012+A11:2013, therefore FM Approvals certification remains current.



Construction Products Regulation (CPR) 305/2011

Notified Body: LPCB
Bucknall Lane, Garston, Watford, Hertfordshire WD25 9XX. United Kingdom
Notified Body Number: 0832
EC Certificate Number: 0832-CPR-F0515

Conforms to:
EN 54-10:2002+A1:2005 Fire detection and fire alarm systems – Part 10: Flame detectors – Point detectors

EMC Directive 2014/30/EU

Conforms to:
EN 50130-4:2011 Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder, hold-up, CCTV, access control and social alarm systems
EN 61000-6-4:2007/A1:2011 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments

RoHS Directive 2011/65/EU

Consideration given to:
EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Exemptions taken as conditions of compliance to Directive 2011/65/EU:

Annex	Number	Exemption	Expiration date:
IV	1c.	Lead, cadmium and mercury in infra-red light detectors.	None

Signature:

Name: Edward Bianchina
Quality Leader

Date: 14th February 2018

For and on behalf of: **Honeywell Analytics Inc.**
405 Barclay Blvd. Lincolnshire, Illinois 60069 USA



EU Declaration of Performance

According to EU Construction Products Regulation No. 305/2011

FS20X

1. Unique Product Identification Code(s): Flame Detector FS20X
2. Type Number(s): FS20X
Description: Wide Band IR / UV Flame Detector
3. Intended Use: Fire detection and fire alarm systems installed in and around buildings
4. Manufacturer: Honeywell Analytics Inc. 405 Barclay Blvd. Lincolnshire. IL 60069 USA.
5. System of Assessment: System 1
6. Notified Body: LPCB
Notified Body Number: 0832
EC Certificate Number(s): 0832-CPR-F0515
7. European Technical Assessment: TE285210
Reference:
8. Declared Performance:

EN54-10: FIRE DETECTION AND FIRE ALARM SYSTEMS – FLAME DETECTORS. POINT DETECTORS		
Clause	General Requirements	Performance
4.1	Compliance	Pass
4.2	Classification	Class 1
4.3	Individual Alarm Activation	Pass
4.4	Connection of Ancillary Devices	Pass
4.5	Monitoring of Detachable Detectors	Pass
4.6	Manufacturer's Adjustments	Pass
4.7	On-site sensitivity adjustment	Pass
4.8	Data	Pass
4.9	Additional requirements for software controlled detectors	Pass
Tests		
5.2	Reproducibility	Pass
5.3	Repeatability	Pass
5.4	Directional Dependence	Pass
5.5	Flame Sensitivity	Pass
5.6	Dazzling	Pass
5.7	Dry Heat (operational)	Pass
5.8	Cold (operational)	Pass
5.9	Damp Heat, cyclic (operational)	Pass
5.10	Damp Heat, steady state (endurance)	Pass
5.11	Sulphur dioxide (SO ₂) corrosion (endurance)	Pass
5.12	Shock (operational)	Pass
5.13	Impact (operational)	Pass
5.14	Vibration, sinusoidal (operational)	Pass
5.15	Vibration, sinusoidal (endurance)	Pass
5.16	Variation in supply parameters (operational)	Pass
5.17	Electromagnetic compatibility (EMC), Immunity tests (operational)	Pass

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
This declaration is issued under the sole responsibility of the manufacturer identified in point 4

Signature:

Name:

Edward Bianchina

Date: 14th February 2018

Quality Leader

For and on behalf of:

Honeywell Analytics Inc.

405 Barclay Blvd. Lincolnshire, Illinois 60069 USA