**EU Declaration of Conformity**

_In accordance with EN ISO / IEC 17050-1:2010_

**FS24X and FS24X-9**

**Declaration Number:** 2004Y0062_05

**Description:** Multi-specum QuadBand™ triple IR 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 60079-1:2014 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:** FM14ATEXQ0062

Conforms to:


* 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.
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

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:

<table>
<thead>
<tr>
<th>Annex</th>
<th>Number</th>
<th>Exemption</th>
<th>Expiration date</th>
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<tbody>
<tr>
<td>IV</td>
<td>1c.</td>
<td>Lead, cadmium and mercury in infra-red light detectors.</td>
<td>None</td>
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</table>

FS24X-9
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-F0516
Conforms to:

Signature: 
Name: Edward Bianchina
Quality Leader
Date: 3rd August 2017

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

FS24X-9

1. Unique Product Identification Code(s): Flame Detector FS24X-9
2. Type Number(s): FS24X-9
   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.
6. System of Assessment: System 1
7. Notified Body: LPCB
   Notified Body Number: 0832
   EC Certificate Number(s): 0832-CPR-F0516
8. European Technical Assessment: TE285210
    Reference:
9. Declared Performance:
   EN54-10: FIRE DETECTION AND FIRE ALARM SYSTEMS – FLAME DETECTORS. POINT DETECTORS
   
<table>
<thead>
<tr>
<th>Clause</th>
<th>General Requirements</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Compliance</td>
<td>Pass</td>
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<tr>
<td>4.2</td>
<td>Classification</td>
<td>Class 1</td>
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<tr>
<td>4.3</td>
<td>Individual Alarm Activation</td>
<td>Pass</td>
</tr>
<tr>
<td>4.4</td>
<td>Connection of Ancillary Devices</td>
<td>Pass</td>
</tr>
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<td>4.5</td>
<td>Monitoring of Detachable Detectors</td>
<td>Pass</td>
</tr>
<tr>
<td>4.6</td>
<td>Manufacturer’s Adjustments</td>
<td>Pass</td>
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<tr>
<td>4.7</td>
<td>On-site sensitivity adjustment</td>
<td>Pass</td>
</tr>
<tr>
<td>4.8</td>
<td>Data</td>
<td>Pass</td>
</tr>
</tbody>
</table>

   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 (SO2) 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 |

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

Signature:
Edward Bianchina
Quality Leader
Honeywell Analytics Inc.
405 Barclay Blvd. Lincolnshire, Illinois 60069 USA

Date: 3rd August 2017