



**Honeywell**

## EC Declaration of Conformity

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

### FSL-100 Series Flame Detector

*(including FSL-100-UV, FSL 100-UVIR and FSL-100-IR3 in Red and White)*

**Declaration Number:** 2004Y0080\_03

**Description:** Flame detector

**Intended Use:** Fire and flame detection in Safe Areas and Zone 2 Hazardous areas

**Manufacturer:** Honeywell Analytics Limited  
Hatch Pond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ, United Kingdom

**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 EC 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:** DEKRA Certification B.V.  
Meander 1051, 6825 MJ Arnhem, PO Box 5185 ED Arnhem, Netherlands.

**Notified Body Number:** 0344

**EC Certificate Number:** DEKRA15ATEX0105X

##### Conforms to:

EN 60079-0:2012 +A11: 2013\* Explosive atmospheres. General requirements  
EN 60079-15:2010 Explosive atmospheres. Equipment protection by type of protection 'n'  
EN 60079-31:2014 Explosive atmospheres. Equipment dust ignition protection by enclosure 't'

Type Approval:  II 3G Ex nA IIC T4 Gc  
II 3D Ex tc IIIC T71°C

\* 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

## Construction Products Regulation (CPR) 305/2011

**Notified Body:**

SKG-IKOB Certificatie B.V.

Poppenbouwing 56, 4191 NZ, Geldermalsen. The Netherlands.

**Notified Body Number:**

0960

**EC Certificate Number:**

0960-CPR-SKGIKOB.009676

Conforms to:

EN 54-10:2002 /A1:2005

Fire detection and fire alarm systems – Part 10: Flame detectors – Point  
detectors.

## 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

## Signature:

**Name:**

Richard King  
*Regulatory Group Leader*

**Date:** 30<sup>th</sup> August 2016

*For and on behalf of:*

**Honeywell Analytics Limited.**  
Hatch Pond House, 4 Stinsford Road Poole, Dorset. BH17 0RZ United Kingdom



# EU Declaration of Performance

According to EU Construction Products Regulation No. 305/2011

## FSL-100 Series Flame Detector

- 1. Unique Product Identification Code(s): Flame Detector FSL-100
- 2. Type Number(s): FSL100-UV, FSL100-UVIR & FSL100-IR3  
Description: Flame Detector
- 3. Intended Use: Fire and flame detection in Safe and Zone 2 Hazardous areas
- 4. Manufacturer: Honeywell Analytics Limited. 4 Stinsford Road, Poole, Dorset BH17 0RZ UK.
- 5. Trading Company: Life Safety Distribution GmbH Javastrasse 2, 8604 Hegnau. Switzerland
- 6. System of Assessment: System 1
- 7. Notified Body: SKG-IKOB  
Notified Body Number: 0960  
EC Certificate Number(s): 0960-CPR-SKGIKOB.009676.01.EN
- 8. European Technical Assessment: 15.00633, 11-407, 13.00220  
Reference:
- 9. Declared Performance:

<b>EN54-10: FIRE DETECTION AND FIRE ALARM SYSTEMS – FLAME DETECTORS. POINT DETECTORS</b>		
<b>Clause</b>	<b>General Requirements</b>	<b>Performance</b>
4.1	Compliance	Pass
4.2	Classification	Class 1 (FSL100-UV & FSL-100UVIR) Class 2 (FSL100-IR3)
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
<b>Tests</b>		
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:

Name: Richard King  
**Regulatory Group Leader**

Date: 30<sup>th</sup> August 2016

For and on behalf of: **Honeywell Analytics Ltd.** - 4 Stinsford Road, Poole Dorset BH17 0RZ