



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.
5. System of Assessment: System 1
6. Notified Body: LPCB
Notified Body Number: 2831
EC Certificate Number(s): 2831-CPR-F0516
7. European Technical Assessment: TE285210
Reference:
8. Declared Performance:

EN 54-10: 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:

Daniel J. Montgomery

Name:

Dan Montgomery
Site Quality Lead

Date: 29th September 2022

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 Plus

1. Unique Product Identification Code(s): Flame Detector FS24X Plus
2. Type Number(s): FS24X Plus
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: 2831
EC Certificate Number(s): 2831-CPR-F4713
7. European Technical Assessment: TE-P118158-1000
Reference:
8. Declared Performance:

EN 54-10: 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

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