

EC DECLARATION OF PERFORMANCE

According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): FL2022EI
2. Type Number(s): FL2022EI
Description: Aspirating Smoke Detector
3. Intended Use: Fire detection and fire alarm systems installed in and around buildings
4. Manufacturer: Pittway Tecnologica Srl
Via Caboto 19/3
34147 TRIESTE
Italy
5. Trading Company: System Sensor Europe
Life Safety Distribution AG
Javastrasse 2
8604 Hegnau
Switzerland
6. System of assessment: System 1
7. Notified Body: BRE Global Limited
Bucknall Lane
Garston
Watford
WD25 9XX
United Kingdom
- Notified Body Number: 0832
- EC Certificate Number(s) 0832-CPD-1995
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

EN 54-20: Fire Detection and Fire Alarms Systems - Aspirating smoke detectors			
Clause	Description	Performance	
5	.1	Compliance	Pass
	5.2	Individual visual alarm indication	Pass
	5.3	Connection of ancillary devices	Pass
5.	4	Manufacturer's adjustments	Pass
	5.5	On site adjustment of response behaviour	Pass
	5.6	Response to slowly developing fires	Pass
	5.7	Mechanical strength of the pipework	Pass
	5.8	Hardware components and additional sensing elements in the sampling device	Pass
5	.9	Airflow monitoring	Pass
5	.10	Power supply	Pass
5	.11	Data	Pass
	5.12	Additional requirements for software controlled detectors	Pass
6.	1	General	Pass
6	.2	Repeatability	Pass
6	.3	Reproducibility	Pass
	6.4	Variation in supply parameters	Pass
6	.5	Dry heat (operational)	Pass
6	.6	Cold (operational)	Pass
	6.7	Damp heat, steady state (operational)	Pass
	6.8	Damp heat, steady state (endurance)	Pass
	6.9	Sulphur dioxide (SO ₂) corrosion (endurance)	Pass
6	.10	Shock (operational)	Pass
6	.11	Impact (operational)	Pass
	6.12	Vibration, sinusoidal (operational)	Pass
	6.13	Vibration, sinusoidal (endurance)	Pass
	6.14	Electromagnetic compatibility (EMC) immunity tests	Pass
6	.15	Fire sensitivity	Pass
	7	Classification and designation.	Pass
8		Marking	Pass

EN 54-17: Fire Detection and Fire Alarms Systems - hort Circuit Isolators			
Clause	Description	Performance	
4	.1.	Compliance	Pass
	4.2.	Integral status indication	Pass
	4.3.	Connection of ancillary devices	Pass
	4.4.	Monitoring of detachable short circuit isolators	Pass
4	.5.	Manufacturer's adjustments	Pass
	4.6.	On site adjustments	Pass
4	.7.	Marking	Pass
4	.8.	Data	Pass
	4.9.	Additional requirements for software controlled short circuit isolators	Pass
	5.3	Variation in supply voltage	Pass
5	.4	Dry heat (operational)	Pass
5	.5	Cold (operational)	Pass
	5.6	Damp heat cyclic (operational)	Pass
	5.7	Damp heat steady state (endurance)	Pass
	5.8	Sulphur dioxide (SO2) corrosion (endurance)	Pass
5	.9	Shock (operational)	Pass
5	.10	Impact (operational)	Pass
	5.11	Vibration, sinusoidal (operational)	Pass
	5.12	Vibration, sinusoidal (endurance)	Pass
	5.13	Electromagnetic compatibility (EMC) immunity tests	Pass

EC DECLARATION OF CONFORMITY

We hereby declare that the product identified above meets the requirements of the of the following EC Directives and therefore qualify for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA):

- **EMC Directive 2004/108/EC**
- **REACH - Regulation (EC) No 1907/2006**
- **ROHS - Directive 2011/65/EU**
- **WEEE - Directive 2012/19/EU**

For and on behalf of
Pittway Tecnologica S.r.l.



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Plant Manager

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