

## EC DECLARATION OF PERFORMANCE

### According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): 2020HF
2. Type Number(s): - 2020HF  
Description: Heat Detector – Class BS
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  
Bucknalls Lane  
Garston  
Watford  
WD25 9XX  
United Kingdom  
  
Notified Body Number: 0832  
EC Certificate Number(s) 0832-CPD-0185
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

<b>EN 54-5: Fire Detection and Fire Alarm Systems - Heat Detectors, Point Detectors</b>		
<b>Clause</b>	<b>Description</b>	<b>Performance</b>
4.1	General	Pass
4.1.1	Compliance	Pass
4.1.2	Classification	Pass – Class B
4.2	Operational reliability	Pass
4.2.1	Position of heat sensitive elements	Pass
4.2.2	Individual alarm indication	Pass
4.2.3	Connection of ancillary devices	Pass
4.2.4	Monitoring of detachable detectors	Pass
4.2.5	Manufacturer's adjustments	Pass
4.2.6	On-site adjustment of response behaviour	Pass
4.2.7	Marking	Pass
4.2.8	Data	Pass
4.2.9	Additional requirements for software controlled detectors	Pass
4.3	Nominal activation conditions/sensitivity	Pass
4.3.1	Directional Dependence requirements	Pass
4.3.2	Static response temperature	Pass
4.3.3	Response times from typical application temperature	Pass
4.3.4	Response times from 25 °C	Pass
4.3.5	Response times from high ambient temperature (Dry heat operational)	Pass
4.3.6	Reproducibility	Pass
4.4	Response delay (response time):	Pass
4.4.1	Additional tests for detectors with class suffixes	Pass –Suffix S
4.5	Tolerance to supply voltage:	Pass
4.5.1	Variation in supply parameters	Pass
4.6	Durability of operational reliability, temperature resistance	Pass
4.6.1	Cold (operational)	Pass
4.6.2	Dry heat (endurance)	Pass
4.7	Durability of operational reliability, humidity resistance:	Pass
4.7.1	Damp heat, cyclic (operational)	Pass

4.7.2	Damp heat, steady state (endurance)	Pass
4.8	Durability of operational reliability, corrosion resistance:	Pass
4.8.1	Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass
4.9	Durability of operational reliability, vibration resistance	Pass
4.9.1	Shock (operational)	Pass
4.9.2	Impact (operational)	Pass
4.9.3	Vibration, sinusoidal, (operational)	Pass
4.9.4	Vibration, sinusoidal (endurance)	Pass
4.10	Durability of operational reliability, electrical stability:	Pass
4.10.1	Electromagnetic Compatibility (EMC), Immunity tests (operational)	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.



Marco Corti  
Plant Manager

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