

## EC DECLARATION OF PERFORMANCE

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

1. Unique Product Identification Code(s): WFD20E, WFD20EP, WFD25E, WFD25EP, WFD30-2E, WFD30-2EP, WFD40E, WFD40EP, WFD60E, WFD60EP, WFD80E, WFD80EP.
2. Type Number(s): WFD20E, WFD20EP, WFD25E, WFD25EP, WFD30-2E, WFD30-2EP, WFD40E, WFD40EP, WFD60E, WFD60EP, WFD80E, WFD80EP.  
Description: Water Flow Detectors
3. Intended Use: Water Flow Detectors to be installed in and around buildings.
4. Manufacturer: System Sensor, Unincorporated Division of Honeywell  
3825 Ohio Avenue  
St. Charles, IL 60174  
U.S.A.
5. Trading Company: System Sensor Europe Life  
Safety Distribution AG  
Javastrasse 2  
8604 Hegnau  
Switzerland
6. System of assessment: System 1
7. Notified Body: VdS Schadenverhütung GmbH Amsterdamer  
Str. 174 50735 Koln Germany  
Notified Body Number: 0786  
EC Certificate Number(s) 0786-CPD-40151
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

EN 12259-5: 2002 – Fixed Firefighting systems-Part 5: Water Flow Detectors		
Clause	Essential Performance	Performance
4.1	The water flow detector shall be suitable for installation without modification	Pass
4.2	Connections	Pass
4.3	Rated Working Pressure shall be no less than 12 bars (The devices are rated 16 bars)	Pass
4.4.1	Water Pressure retaining Parts	Pass
4.4.2	Configuration	Pass
4.4.3.1	Pressure tested per this clause	Pass
4.4.3.2	Load of a fastener	Pass
4.4.4	Fatigue resistance of springs and diaphragms	N/A
4.4.5	Materials for contacting parts	Pass
4.4.6	Microswitches	N/A
4.4.7	Earthing and electrical connection	N/A
4.4.8	Non metallic components	Pass
4.4.9.1	Non-reinforced elastomer sealing elements	Pass
4.4.9.2	Reinforced elastomer sealing elements	N/A
4.5.1	Press-fit bushings	N/A
4.5.2	Water flow detector vane	N/A
4.6.1	Test according to Annex F	Pass
4.6.2	10,000 cycles of normal operation	N/A
4.6.3	Normal operation between temperature limits 2°C - 68°C	Pass
4.7	Corrosion resistance	N/A
4.8	Pressure loss due to Hydraulic Friction	Pass
4.9	Leak Resistance	N/A
4.10	Endurance	N/A
4.11	Maintenance	Pass
5	Marking	Pass
6	Instructions for installation and operation	Pass
7	Evaluation of Conformity	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 of performance is issued under the sole responsibility of the manufacturer identified in point 4



### 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**
- **ROHS – Directive 2011/65/EU**

For and on behalf of

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Sr. Regulatory Compliance Engineer.