

# DECLARATION OF PERFORMANCE

**NO. 10/FS/2017/EN**

1. Unique identification code of the product-type:

**Smoke detector with short-circuit isolator type SF**

**00 – 4D – XXXX – YYYY**

00 - reserve field

4D - Unique number of the product: Smoke detector type SF

XXXX - Date

YYYY - Next batch number

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Fire detection and fire alarm systems installed in and around buildings.**

3. Manufacturer:

**P. P. H. U. AWEX Rafał Stanuch,  
Masłomiąca, ul. Długa 39,  
32-091 Masłomiąca.**

4. System or systems of assessment and verification of constancy of performance of the construction product:

**System 1.**

5. Harmonised standard:

**EN 54-7:2000+A1:2002+A2:2006**

**EN 54-17:2005+AC:2007**

Name and identification number of the Technical Assessment Body:

**Centrum Naukowo Badawcze Ochrony Przeciwpóżarowej  
im. J. Tuliszowskiego – Państwowy Instytut Badawczy, No 1438.**

6. Declared performance:

No.	Essential characteristics of the product	EN54-7:2000 +A1:2002 +A2:2006	Performance
<b>Nominal activation conditions/sensitivity/response delay (response time) and performance under fire conditions</b>			
1	Response to slowly developing fires	4.8	Pass
2	Repeatability	5.2	Pass
3	Directional dependence	5.3	Pass
4	Reproducibility	5.4	Pass
5	Air movement	5.6	Pass
6	Dazzling	5.7	Pass
7	Fire sensitivity	5.18	Pass
<b>Operational reliability</b>			
8	Individual alarm indication	4.2	Pass
9	Connection of ancillary devices	4.3	Pass
10	Monitoring of detachable detectors	4.4	Pass
11	Manufacturer's adjustments	4.5	Pass
12	On-site adjustment of response behaviour	4.6	Pass
13	Protection against the ingress of foreign bodies	4.7	Pass
14	Marking	4.9	Pass
15	Data	4.10	Pass
16	Additional requirements for software controlled detectors	4.11	Pass
<b>Tolerance to supply voltage</b>			
17	Variation in supply parameters	5.5	Pass
<b>Durability of operational reliability and response delay, temperature resistance</b>			
18	Dry heat (operational)	5.8	Pass
19	Cold (operational)	5.9	Pass
<b>Durability of operational reliability, vibration resistance</b>			
20	Shock (operational)	5.13	Pass
21	Impact (operational)	5.14	Pass
22	Vibration, sinusoidal (operational)	5.15	Pass
23	Vibration, sinusoidal (endurance)	5.16	Pass
<b>Durability of operational reliability, humidity resistance</b>			
24	Damp heat, steady state (operational)	5.10	Pass
25	Damp heat, steady state (endurance)	5.11	Pass
<b>Durability of operational reliability, corrosion resistance</b>			
26	Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.12	Pass
<b>Durability of operational reliability, electrical stability</b>			
27	Electromagnetic compatibility (EMC), immunity (operational)	5.17	Pass
No.	Essential characteristics of the product	EN54-17:2005 +AC:2007	Performance
<b>Performance under fire conditions</b>			
1	Reproducibility	5.2	Pass
<b>Operational reliability</b>			
2	General requirements	4	Pass
<b>Durability of operational reliability, temperature resistance</b>			
3	Dry heat (operational)	5.4	Pass
4	Cold (operational)	5.5	Pass
<b>Durability of operational reliability, vibration resistance</b>			
5	Shock (operational)	5.9	Pass
6	Impact (operational)	5.10	Pass
7	Vibration, sinusoidal (operational)	5.11	Pass
8	Vibration, sinusoidal (endurance)	5.12	Pass
<b>Durability of operational reliability, humidity resistance</b>			
9	Damp heat, steady state (operational)	5.6	Pass
10	Damp heat, steady state (endurance)	5.7	Pass

<b>Durability of operational reliability, corrosion resistance</b>			
11	Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.8	Pass
<b>Durability of operational reliability, electrical stability</b>			
12	Variation in supply parameters	5.3	Pass
13	Electromagnetic compatibility (EMC), immunity tests (operational)	5.13	Pass


This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Rafał Stanuch, CEO**

(name and function)

Masłomiaża 18.04.2017.  
(Place and date of issue)

  
.....  
(signature)