

DECLARATION OF PERFORMANCE

NO. 03/FS/2017/EN

1. Unique identification code of the product-type:

Smoke detector with short-circuit isolator type S

00 – 32 – XXXX – YYYY

00 - reserve field

32 - Unique number of the product: Smoke detector type S

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 Przeciwpożarowej
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
Nominal activation conditions/sensitivity/response delay (response time) and performance under fire conditions			
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
Operational reliability			
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
Tolerance to supply voltage			
17	Variation in supply parameters	5.5	Pass
Durability of operational reliability and response delay, temperature resistance			
18	Dry heat (operational)	5.8	Pass
19	Cold (operational)	5.9	Pass
Durability of operational reliability, vibration resistance			
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
Durability of operational reliability, humidity resistance			
24	Damp heat, steady state (operational)	5.10	Pass
25	Damp heat, steady state (endurance)	5.11	Pass
Durability of operational reliability, corrosion resistance			
26	Sulphur dioxide (SO ₂) corrosion (endurance)	5.12	Pass
Durability of operational reliability, electrical stability			
27	Electromagnetic compatibility (EMC), immunity (operational)	5.17	Pass
No.	Essential characteristics of the product	EN54-17:2005 +AC:2007	Performance
Performance under fire conditions			
1	Reproducibility	5.2	Pass
Operational reliability			
2	General requirements	4	Pass
Durability of operational reliability, temperature resistance			
3	Dry heat (operational)	5.4	Pass
4	Cold (operational)	5.5	Pass
Durability of operational reliability, vibration resistance			
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

Durability of operational reliability, humidity resistance			
9	Damp heat, steady state (operational)	5.6	Pass
10	Damp heat, steady state (endurance)	5.7	Pass
Durability of operational reliability, corrosion resistance			
11	Sulphur dioxide (SO ₂) corrosion (endurance)	5.8	Pass
Durability of operational reliability, electrical stability			
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)

Masłomiąca 18.04.2017

(Place and date of issue)


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(signature)