

DECLARATION OF PERFORMANCE

NO. 04/FS/2017/EN

1. Unique identification code of the product-type:

Heat detector with short-circuit isolator type T

00 – 29 – XXXX – YYYY

00 - reserve field

29 - Unique number of the product: Heat detector type T

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 54-5:2000+A1:2002
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	Classification	4.2	Pass
2	Position of heat sensitive element	4.3	Pass
3	Directional dependence	5.2	Pass
4	Static response temperature	5.3	Pass
5	Response times from typical application temperature	5.4	Pass
6	Response times from 25 °C	5.5	Not applicable
7	Response times from high ambient temperature	5.6	Pass
8	Reproducibility	5.8	Pass
9	Additional test for suffix S detectors	6.1	Not applicable
10	Additional test for suffix R detectors	6.2	Pass
Operational reliability			
11	Individual alarm indication	4.4	Pass
12	Connection of ancillary devices	4.5	Pass
13	Monitoring of detachable detectors	4.6	Pass
14	Manufacturer's adjustments	4.7	Pass
15	On-site adjustment of response behaviour	4.8	Pass
16	Marking	4.9	Pass
17	Data	4.10	Pass
18	Additional requirements for software controlled detectors	4.11	Pass
Tolerance to supply voltage			
19	Variation in supply parameters	5.7	Pass
Durability of operational reliability and response delay, temperature resistance			
20	Cold (operational)	5.9	Pass
21	Dry heat (operational)	5.10	Not applicable
Durability of operational reliability, vibration resistance			
22	Shock (operational)	5.14	Pass
23	Impact (operational)	5.15	Pass
24	Vibration, sinusoidal (operational)	5.16	Pass
25	Vibration, sinusoidal (endurance)	5.17	Pass
Durability of operational reliability, humidity resistance			
26	Damp heat, cyclic (operational)	5.11	Pass
27	Damp heat, steady state (endurance)	5.12	Pass
Durability of operational reliability, corrosion resistance			
28	Sulphur dioxide (SO ₂) corrosion (endurance)	5.13	Pass
Durability of operational reliability, electrical stability			
29	Electromagnetic compatibility (EMC), immunity (operational)	5.18	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)