

# DECLARATION OF PERFORMANCE

NO. 11/FS/2017/EN

1. Unique identification code of the product-type:

**Heat detector with short-circuit isolator type TF**

**00 – 4C – XXXX – YYYY**

00 - reserve field

4C - Unique number of the product: Heat detector type TF

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
<b>Nominal activation conditions/sensitivity/response delay (response time) and performance under fire conditions</b>			
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
<b>Operational reliability</b>			
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
<b>Tolerance to supply voltage</b>			
19	Variation in supply parameters	5.7	Pass
<b>Durability of operational reliability and response delay, temperature resistance</b>			
20	Cold (operational)	5.9	Pass
21	Dry heat (operational)	5.10	Not applicable
<b>Durability of operational reliability, vibration resistance</b>			
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
<b>Durability of operational reliability, humidity resistance</b>			
26	Damp heat, cyclic (operational)	5.11	Pass
27	Damp heat, steady state (endurance)	5.12	Pass
<b>Durability of operational reliability, corrosion resistance</b>			
28	Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.13	Pass
<b>Durability of operational reliability, electrical stability</b>			
29	Electromagnetic compatibility (EMC), immunity (operational)	5.18	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)

Masłomięca 18.04.2017.  
(Place and date of issue)

  
.....  
(signature)