

# DECLARATION OF PERFORMANCE

**NO. 16/FS/2018/EN**

1. Unique identification code of the product-type:

**Input / output device – input / output module type MIO 2n2n with short – circuit isolator.**

00 – 58 – XXXX – YYYY

00 - reserve field

58 - Unique number of the product: Input / output module type MIO 2n2n

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 Michałowice.**

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

**System 1.**

5. Harmonised standard:

**EN 54-18:2005+AC:2007  
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	EN54-18:2005 +AC:2007	Performance
<b>Response delay (response time)</b>			
1	Performance and variation of supply parameters	5.2	Pass
<b>Performance under fire conditions</b>			
2	Reception and processing of fire signals	5.1.4	Pass
<b>Operational reliability</b>			
3	Functional test	5.1.4	Pass
<b>Durability of operational reliability, temperature resistance</b>			
4	Dry heat (operational)	5.3	Pass
5	Cold (operational)	5.4	
<b>Durability of operational reliability, vibration resistance</b>			
6	Shock (operational)	5.8	Pass
7	Impact (operational)	5.9	Pass
8	Vibration, sinusoidal (operational)	5.10	Pass
9	Vibration, sinusoidal (endurance)	5.11	
<b>Durability of operational reliability, humidity resistance</b>			
10	Damp heat, cyclic (operational)	5.5	Pass
11	Damp heat, steady state (endurance)	5.6	Pass
<b>Durability of operational reliability, corrosion resistance</b>			
12	Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.7	Pass
<b>Durability of operational reliability, electrical stability</b>			
13	Performance and variation of supply parameters	5.2	Pass
14	Electromagnetic compatibility (EMC), immunity tests	5.12	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)

Masłomiąca 19.07.2018r.  
(Place and date of issue)



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(signature)

