



2 / 2020

**DECLARATION OF PERFORMANCE**

1. Product specific identification code: **PS-128F SIGNAL**
2. Type: **TRIODA PS-128F SIGNAL external fire alarm siren**
3. The construction product destined specified or designation in accordance with the applicable harmonized technical standards: **Outdoor fire alarm siren equipment**
4. Name and address of the manufacturer:  
**TRIODA Vagyonvédelmi Kft., H-1191 Budapest, Ulloi ut 206.**  
Executive Director: **Andras David**  
Technical department manager: **Istvan Jakli**
5. Performance evaluation and monitoring system for construction products:  
**System No. 1 (305/2011/EU regulation annex V. section 1.2)**
6. Standards by regulated for construction products manufacturers of declaration:  
ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft., H-1113 Budapest, Diószegi út 37.  
(member number: NB1145) who performed
  - product type definitions
  - manufacturing plant and factory production inspection
  - continuous monitoring and evaluation of factory product testing
 and published the (EK-) Certificate of constancy number 1415-CPR-52-(C-53/2016).

**The product complies with the following standards:**

- MSZ EN 54-3:2014 Fire alarm equipment (part 3: Alarm units, Sounders)
- MSZ EN 50131:2011 Alarm system (part 1: Intrusion and attack detection systems)  
**System requirements**
- MSZ-EN 50136: 2012 Alarm system (part 1-11: Alarm transmission systems and equipment)  
**General requirements for alarm transmission systems**
- MSZ-EN 61000-4-2:2009 Electromagnetic compatibility (EMC)
- MSZ-EN 61000-4-6/A1:2009 Electromagnetic compatibility (EMC)

7. Performance according to the statement:  
EN 54-3 B types: 24V, DC90 dBA fire alarm sounder-T90-A.Vx-SDR1X-0024  
Intended for use in fire detection and fire alarm system in and around buildings

Product essential characteristic	Performance	EN 54-3:2014 standard clause
Operational reliability: LAeq (dBA) sound pressure	128 dB (min.118 dB)	4., 5., 7., 8., 9.
Operational reliability	$\Delta$ (Lpa) 6 dB $\geq$ diversion	
Operational reliability: durability of heat resistance	-10...+40 °C -20...+60 °C	10.4.
Flammability of materials	Class V2	
Operational reliability: durability to vibration	appropriate	10.6., 10.7., 10.11.
Operational reliability: durability of electrical stability	EN 50130-4	10.8., 10.9.
Operational reliability: durability of humidity resistance	0...93RH%	10.5., 10.10.
Enclosure protection	IP21C (type A)	adequate drainage

8. Performance of the product mentioned in the 1<sup>st</sup> and 2<sup>nd</sup> points complies with the 7<sup>th</sup> point's statement. The manufacturer mentioned in the 4<sup>th</sup> point is responsible for issuing this declaration of performance. On behalf of the manufacturer: Technical department manager - Istvan Jakli