



3 / 2022

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