



**Építésügyi Minőségellenőrző Innovációs Kht.  
Központi Laboratórium  
Aktív Tűzvédelmi Eszközöket Vizsgáló Laboratóriuma**

**Npc for Quality Control and  
Innovation in Building  
Fire Testing Laboratory**

Central Laboratory: 1113 Budapest, Diószegi út 37.  
Active Fire Protection Laboratory:  
2000 Szentendre, Dózsa György út 26.

Phone: (36-1) 372-6113  
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No.: TMT-88a/2006

## CERTIFICATE

on the

### FIRE SAFETY CONFORMITY

of a technical product

This Certificate is issued by ÉMI Kht. as an attestation body by appointment  
No. 1-A/10 14/2004  
(16 December 2004) of the Minister of Interior,

at the request of

**TRIÓDA BIZTONSÁGTECHNIKA ZRT.  
H-1191 BUDAPEST, ÜLLŐI ÚT 206.**

This Certificate of Conformity is based on the test results outlined in the attached TEST REPORT.

Identification marking of technical product (brand name, type, marking):

**SIGNAL PS128 SOUNDER  
SIGNAL PS128F FIRE ALARM SOUNDER**

This CERTIFICATE OF CONFORMITY (FIRE SAFETY) is valid until 15<sup>th</sup> of January 2012.

Budapest, 3<sup>th</sup> of August 2007.

  
Dr. Bánky Tamás  
Scientific Director

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ÉMI Kht.'s Central Laboratory, Fire Testing Laboratory

- has been accredited under No. NAT-1-1100/2006 by the National Accreditation Body, in accordance with Hungarian Standard MSZ EN ISO/IEC 17025:2005; and
- it is a full rights member of EGOLF (European Group of Organisation for Fire Testing, Inspection and Certification).

**Product manufacturer:** Trióda Biztonságtechnika Zrt.  
H-1191 Budapest, Üllői út 206. Hungary

**Distributor:** Trióda Biztonságtechnika Zrt.  
H-1191 Budapest, Üllői út 206. Hungary

**Identification of testing facilities:**

ÉMI Kht. Central Laboratory (H-1113 Budapest, Diószegi út 37)  
Active Fire Protection Laboratory (H-2000 Szentendre, Dózsa György út 26)

**Standards observed in testing the product:**

- MSZ EN 54-1:2002 Fire detection and fire alarm systems - Part 2: Introduction,
- MSZ EN 54-3:2003 Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders,
- 2/2002.(1.23.) BM – Decree of Minister of the Interior

**Brief description and technical data of the products:**

Outdoor fire alarm sounder with flashing, which it is flashing together with sound signal. The housing is impact resistant plastic, inside in a steal box. Sabotage switch give signals to fire control equipment. Regular self-testing, continuous battery-, lamp,- and sounder test.


Dimensions:	295 × 200 × 100 [mm]
Weight:	3,0 [kg]
Ingress Protection:	IP 34
Operating voltage:	20...28 VDC
Battery:	12 V / 7 Ah
Minimal battery voltage:	10,8 V
Power of flash:	12 V / 18 W
Current consumption:	4 mA, Maximal current: 2,8 A
Maximum battery charging current:	100 mA
Average working current:	1,2 A
Color (housing/lens):	PS128F – red/red, PS128 – light grey/orange
Sound intensity	118 dB
Frequency range:	900 Hz - 2400 Hz

**Field of application of the product (96/577/EC):** *Fire alarm devices — Sounders*

**Identification marking of technical documents:** **M-780/2006**

**Technical conditions of applying the product safely:**

The technical conditions are identified in section **M-780/2006** of the relevant No. 2<sup>nd</sup> part Test Report. No. TMT-88a/2006 Certificate of Conformity (Fire Safety) covers a product which fully complies with the data and technical characteristics featuring in the Test Report marked 2<sup>nd</sup> Part and dated 15-12-2006, provided that the other conditions of application identified in section 2<sup>nd</sup> Part of the Test Report are met. During the life of this Certificate of Conformity, ÉMI Kht. is entitled to inspect the product in the manufacturing and/or distribution process, with expenses paid by the customer.

  
Antalné Lőrök Noémi  
Head of Laboratory