



**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
Phone: (36-26) 310-526

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.

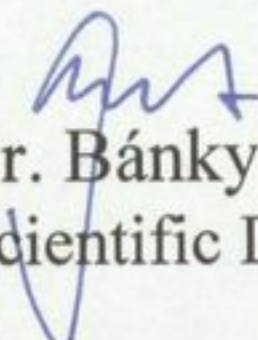
Identification marking of technical product (brand name, type, marking):

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

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

Budapest, 3th of August 2007.




Dr. Bánky Tamás
Scientific Director



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).

KBiA-X-1.1-2006.05.11.

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.(I.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*

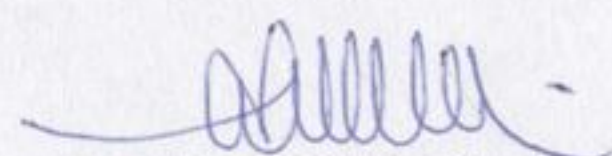
Identification marking of technical documents: **M-780/2006**

Technical conditions of applying the product safely:

The technical conditions are identified in section **M-780/2006** of the relevant No. 2nd 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 2nd Part and dated 15-12-2006, provided that the other conditions of application identified in section 2nd 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 Lörök Noémi
Head of Laboratory