



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.

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No.: TMT-21a/2007

## 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/1014/2004  
(16 December 2004) of the Minister of Interior,

at the request of

**TELEFIRE FIRE & GAS DETECTORS LTD.**  
**5 Halapid St. P.O.B. 7036 Petach-Tikva IL-49250 Israel**

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):

**LI-3000 ANALOG ADDRESSABLE LINE ISOLATION MODULE**

This CERTIFICATE OF CONFORMITY (FIRE SAFETY) is valid until 30<sup>th</sup> of June 2009.

Budapest, 20<sup>th</sup> of April 2007.

  
Dr. Bánky Tamás  
Scientific Director

Seal



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 17025:2001; and
- it is a full rights member of EGOLF (European Group of Organisation for Fire Testing, Inspection and Certification).

KBiA-Xa-11-2006.05.18.

**Product manufacturer:** TELEFIRE Fire & Gas Detectors Ltd.  
5 Halapid St. P.O.B. 7036 Petach-Tikva  
IL-49250, Israel

**Distributor:** NSL Security Ltd.,  
H-1025 Budapest Özgida utca 15/4, 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 1: Introduction,
- MSZ EN 54-2:2003 Fire detection and fire alarm systems - Part 2: Control and indicating equipment
- prEN 54-13:2004 Fire detection and fire alarm systems - Part 13: Compatibility of system components
- 2/2002.(1.23.) BM – Decree of Minister of the Interior

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

The LI-3000 Analog Addressable Line Isolation Module provides the SLC loop with advanced capability of protection from fault conditions such as short- and open circuit, enabling continuous operation of the loop by isolating the faulty section from the rest of the loop. Without an Isolator the line cards ADR-3002 and ADR-3000C would disconnect the loop automatically when sensing a short circuit.

The LI-3000 communicates with the ADR-3000 through the addressable SLC loop that supplies its power. This module can receive an address between 1-127, programmed prior to installation by using the PROG-4000

Temperature:	0° to 49°C (32° to 120°F).
Humidity:	10% to 90% RH.
Operating Voltage:	(supplied by Telefire's ADR-3000) 20 V modulated
Current consumption:	2,0 mA Max (Standby)
Maximum units per loop allowed:	20

**Field of application of the product (96/577/EC):** *Fire detection/alarm components —  
Output/input devices*

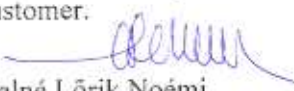
**Identification marking of technical documents:** M-171/2007

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

The technical conditions are identified in section M-171/2007 of the relevant No. 2<sup>nd</sup> part Test Report.

No. TMT-21a/2007 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 18-07-2007, 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