



**ÉMI Építészeti Minőségellenőrző Innovációs
Nonprofit Kft.
Központi Laboratórium
Tűzvédelmi Szakági Laboratórium**

**ÉMI Non-Profit Limited Liability
Company for Quality and
Innovation in Building
Fire Testing Laboratory**

Central Laboratory: 1113 Budapest, Diószegi út 37.

Phone: (36-1) 372-6113

Active Fire Testing Laboratory:

Phone: (36-26) 310-526

2000 Szentendre, Dózsa György út 26.

No. TMT-21/2007-2010

CERTIFICATE

on the
FIRE SAFETY CONFORMITY
of a technical product

This Certificate is issued by ÉMI Nonprofit Kft. 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 14. April 2016

Budapest, 8 of April 2011



Dr. Matolcsy Károly
Dr Matolcsy Károly
Scientific Director



503/0933(2)-857(2)



ÉMI Nonprofit Kft.'s Central Laboratory,
Fire Testing Laboratory

- has been accredited under No. NAT-1-1110/2010 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-Xa-11-2009.09.17.

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

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

Identification of testing facilities:

ÉMI Nonprofit Kft. Central Laboratory (H-1113 Budapest, Diószegi út 37)
Fire Testing Laboratory (H-2000 Szentendre, Dózsa György út 26)

Standards observed in testing the product:

- EN 54-17:2005 Fire detection and fire alarm systems. Part 17: Short-circuit isolators,
- EN 54-18:2005 Fire detection and fire alarm systems. Part 18: Input/output devices,
- 9/2008 (II.22.) ÖTM –Decree for the Ministry of the Local Government and Regional Development

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: *Fire detection/alarm components — Output/input module (96/577/EK):*


Identification of technical documents: M-800/2005-2010; TMT-21/2007

Technical conditions of applying the product safely:

The technical conditions are identified in section 2nd and 4th of the relevant No. M-800/2005-2010 Test Report.

No. **TMT-21/2007-2010** Certificate of Conformity (Fire Safety) covers a product which fully complies with the data and technical characteristics featuring in the Test Report marked M-800/2005-2010 and dated 18-02-2011, provided that the other conditions of application identified in section 2nd of the Test Report are met. During the life of this Certificate of Conformity, ÉMI Nonprofit Kft. is entitled to inspect the product in the manufacturing and/or distribution process, with expenses paid by the customer.


Noémi Lórik
Deputy Head of Active Fire
Testing Laboratory


László Kocsis
Head of Scientific Department
of Fire Protection