



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-8/2007
(identical TMT-2024/2005)

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):

**ADR-820 SINGLE-CHANNEL AND ADR-828 EIGHT-CHANNEL
OUTPUT MODULE**

This CERTIFICATE OF CONFORMITY (FIRE SAFETY) is valid until 18th of October 2010.

Budapest, 23th of March 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-X-1.1-2006.05.11.

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 EN54-1:2002 Fire detection and fire alarm systems. Part 1: Introduction,
- MSZ EN 54-2:2002 Fire detection and fire alarm systems. Part 2: Control and indicating equipment,
- 2/2002.(I.23.) BM –Decree of Minister of the Interior

Brief description and technical data of the products:


ADR-820 Single-Channel Output Module with 1 supervised output and 1 alarm relay (dry contact)
The ADR-828 enables activation of 8 unsupervised outputs, for auxiliary indications only. It is used in synoptic panels, indication lights, directing signs, relays, etc. The output can drive 24Vdc lamps or LEDs. The serial resistors required for the LEDs are placed on board.
The ADR-820 and ADR-828 should be connected to a 24Vdc, required to activate the output devices, supplied from the control panel or from a local analog addressable power supply ADR-9090P.
The ADR-828 continuously monitors its power source and reports any problem, such as a blown fuse, short circuit, disconnection, or voltage drop.
The ADR-828 occupies eight consecutive addresses of which the first is to be programmed by the PROG-4000.

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

Identification marking of technical documents: M-800/2005

Technical conditions of applying the product safely:

The technical conditions are identified in section M-800/2004 of the relevant No. 2nd part Test Report.
No. TMT-8/2007 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 18th of October 2005, 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 Lőrök Noémi
Head of Laboratory