



**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-20a/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):

**ADR-823 THREE-CHANNEL INPUT/OUTPUT MODULE, SUPERVISED
INPUT AND OUTPUTS**

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

Budapest, 20th 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).

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 ADR-823 is a three-channel input/output analog control module that contains two output circuits and a single input circuit. This module is intended for use in cases where there is a need for multiple output and input modules to carry out supervisory, alarm, and automatic extinguishing functions.

The ADR-823 acts as an interface between an ADR-3000 analog control panel and conventional warning, alarm, and activating devices such as horns, strobes, automatic extinguishing devices, pressure switches, valves, and flow switches. The ADR-823 controls two 2-wire output lines. The first, NAC-A, works as a "changed polarity" and activates an additional dry-contact alarm relay. The other, NAC-B, works in level activation mode. Each output has a separate address.

Dimension / Weight:	133 × 119 × 36 mm / 109 g.
Operating Temperature Range:	0 ... +49°C
Relative Humidity:	10...93%
SLC Loop Terminal JP5	Current: 140 µA Max (Standby), 2,8 mA Max (Alarm) Voltage: 20 V modulated
IDC Loop Terminal JP9	Current: 17 µA Max (Standby), 25 mA Max (Alarm) Voltage: 17...26 VDC
External power supply: Input voltage:	24 VDC nominal, 16,0...26,0 VDC 4,0 mA Max ((Standby), 32,0 mA (Alarm)
Output circuits (JP2, JP6):	24 VDC nominal
Current to NAC-A: 0,8 A continuous, max 1 A for 1 second, Current NAC-B + NAC-A:	Current to NAC-B 0,4 A Max, 0,9 A Max (simultaneously)
EOL Resistor NAC-A & NAC-B:	5,1 KΩ, EOL Resistor IDC 100 KΩ

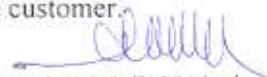
Field of application of the product (96/577/EC): *Fire detection/alarm components —
Output/input devices*

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. 2nd part Test Report. No. TMT-20a/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 18-07-2007, 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.


Antálné Lőrök Noémi
Head of Laboratory