ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft.

ÉMI Építésügyi 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-26/2011

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

TEF NEDERLAND BV
NL-2921 LH KRIMPEN AAN DEN IJSSEL, SLIKSLOOTSTRAAT 9 A

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):

CCPI CONVENTIONAL CONTROL PANEL INTERFACE, SAM SELF ADDRESSABLE MODULE, MAM MANUALLY ADDRESSABLE MODULE

This CERTIFICATE OF CONFORMITY (FIRE SAFETY) is valid until 15. July 2016

Budapest, 5 of July 2011

Seal

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.

Product manufacturer: GLOBAL FIRE EQUIPMENT Ltd.
Urb. Vale da Amoreia 16-17 Porta A/ 85-34 FARO, Portugal
Distributor: TEF Nederland BV
NL-2921 LH Krimpen aan den Ijssel, Slikslootstraat 9 a

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:
- MSZ EN 54-13:2005 Fire detection and fire alarm systems. Part 13: Compatibility assessment of system components
- MSZ EN 54-18:2006 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:

CCPI conventional control panel interface: The Control panel interface provides eight individually addressed normally open inputs and two pre-defined outputs. The interface permits the connection of a conventional fire alarm control panel with up to eight Zones to the Global Fire Analogue Addressable Fire Control panel via the detection loop. **SAM self addressable module**: The SAM is simply attached to the conventional detector and the detector address is automatically assigned to each SAM by the JUNO-NET or JUNiOr control panel during commissioning and testing. A SAM based system tolerates loop branches and can monitor loop interruptions and head removal. SAM is ideal for low budget retrofits where fire point identification is needed but the cost of fitting a fully analogue system is too high. SAM is also an option in low budget installations that would normally be implemented with 4 to 8 zone conventional systems. It gives you the cable savings possible (see below) with an addressable system, together with the loop sounder capability but without the extra costs of analogue addressable heads. Compatible with most conventional detectors, the SAM is fully encapsulated in a plastic case, unobtrusive and easy to connect to the detector base. **MAM manually addressable module**: The MAM takes the SAM concept to a higher level permitting not only the connection and addressing of conventional detectors and call points but also offering a Micro Input, Micro Output and conventional Sounder or Beacon driver/address Module.

	SAM	MAM	CCPI
Supply:	loop		
Quiescent current [mA]:	1,1		Off current
Alarm current [mA]:	10		50 VDC / 1A
Isolation current [mA]	—	18,1	—
Dimensions [mm]:	48 × 24 × 9		88 × 74 × 20
Weight [g]:	85		60
Environment:	0…50 °C / < 85 RH% (no condensation)		
Max. cable [mm²]	2,5		
IP protection	IP44		na

Field of application of the product: (96/577/EK): ***Fire detection/alarm components– sounders***

Identification of technical documents: M-388/1/2007; TMT-57/2007

Technical conditions of applying the product safely:
The technical conditions are identified in section 2nd and 4th of the relevant No. M-388/1/2007Test Report.
No. **TMT-26/2011** Certificate of Conformity (Fire Safety) covers a product which fully complies with the data and technical characteristics featuring in the Test Report marked . M-388/1/2007and dated 28-06-2007 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 LŐRIK
Deputy Head of Active Fire Testing Laboratory

Péter GEIER
Deputy Head of Division of Fire Protection