



# EVPU®

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0590

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction products Regulation or CPR), this certificate applies to the construction product

**Conventional fire extinguishing control panel IVY, SensoRIS Extin., SensoMAG Extin., MAG Extin., FAEXP, FER0, Aplite**

For specifications see Annex 1 and 2 to this certificate

placed on the market under the name or trade mark of

**Teletek Electronics JSC  
14A Srebarňa Str., 1407 Sofia, Bulgaria**

and produced in the manufacturing plant

**Teletek Electronics JSC  
14A Srebarňa Str., 1407 Sofia, Bulgaria**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

**EN 54-2: 1997  
EN 54-2: 1997/AC: 1999  
EN 54-2: 1997/A1: 2006  
EN 54-4: 1997  
EN 54-4: 1997/AC: 1999  
EN 54-4: 1997/A1:2002  
EN 54-4: 1997/A2: 2006  
EN 12094-1:2003**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on March 7<sup>th</sup>, 2018 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, March 7<sup>th</sup>, 2018

053264



Marek H u d á k  
Director NB



**Annex 1 to Certificate No. 1293 - CPR – 0590 from March 7<sup>th</sup>, 2018**

**Technical Specifications**

IVY (and derived variants) is a conventional fire extinguishing control panel. The panel is designed for using together with systems for gas, powder, aerosol, water and other types of active extinguishing.

IVY has 3 hardware zones – 2 extinguishing with activation of automatic fire detectors and 1 conventional fire zone. Automatic and manual operation modes (selectable via 3 positional key lock) allow the operators to choose the extinguishing process control. The extinguishing process can be activated also manually with a special button MANUAL RELEASE on the front panel.

The IVY conventional panel is designed for extinguishing in one zone and can operate with solenoids, pressostats and other kind of actuators.

Optional LOG module for reviewing of recorded memory events (up to 1000 events) can be included in the system configuration.

**Products parameters:**

Main power supply:	110 + 230VAC ± 10%
Frequency:	47 + 60Hz
Electrical output:	26VDC, 1.5A
Degree of protection:	IP30
Operation temperature:	-5°C + +40°C
Relative humidity:	up to 95% (without condense)
Storage temperature:	-10°C + +60°C
Weight (without the batteries):	~ 3.2kg

**List of optional functions with requirements included in the c.i.e for EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006:**

Clause: 7.8	Description:	Output to the fire alarm device
Clause: 7.12	Description:	Dependencies on more than one alarm signal
Clause: 7.12.1	Description:	Type A dependency
Clause: 10	Description:	Test conditions

**List of optional functions with requirements included in the c.i.e for EN 12094-1:2003:**

Clause: 4.17	Description:	Delay of extinguishing signal
Clause: 4.18	Description:	Signal representing the flow of extinguishing agent
Clause: 4.19.2	Description:	Monitoring of the status of components
Clause: 4.20	Description:	Emergency hold device
Clause: 4.21	Description:	Control of flooding time
Clause: 4.23	Description:	Manual only mode

Nová Dubnica, March 7<sup>th</sup>, 2018



  
Marek Huďák  
Director NB



Annex 2 to Certificate No. 1293 - CPR – 0590 from March 7<sup>th</sup>, 2018

Essential characteristics	Harmonised technical specification			Performance
	EN 54-2:1997 EN 54-2:1997 /AC:1999 EN 54-2:1997 /A1:2006	EN 54-4:1997 EN 54-4:1997 /AC:1999 EN 54-4:1997 /A1:2002 EN 54-4:1997 /A2:2006	EN 12094-1:2003	
Performance under fire conditions	cl. 4, 5, 7	---	cl. 4.3, 4.4, 4.5, 4.6	Pass
Response delay (response time to fire)	cl. 7.1, 7.7, 7.11=N/A, 7.12	---	cl. 4.8	Pass
Performance of power supply	---	cl. 4, 5, 6	---	Pass
Operational reliability	cl. 4, 5, 6, 7, 8, 9, 10, 11=N/A, 12, 13, 14	cl. 4, 5, 6, 7, 8	cl. 4, 5, 6	Pass
Durability of operational reliability: temperature resistance	cl. 15.4	cl. 9.5	---	Pass
Durability of operational reliability: vibration resistance	cl. 15.6, 15.7, 15.15	cl. 9.7, 9.8, 9.15	---	Pass
Durability of operational reliability: electrical stability	cl. 15.8, 15.9 to 15.12=N/A, 15.13	cl. 9.9, 9.10 to 9.13=N/A	---	Pass
Durability of operational reliability: humidity resistance	cl. 15.5, 15.14	cl. 9.6, 9.14	---	Pass
Durability	---	---	cl. 9	Pass



Nová Dubnica, March 7<sup>th</sup>, 2018  
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