

# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0387

In compliance with the Regulation 305/2011/EU 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

**Intelligent analogue addressable fire alarm base with built-in sounder SensolRIS BSOU/MAGPRO-DBS/ type: SensolRIS BSOU**

*For specifications see Annex*

produced by

**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 and the performances described in Annex ZA of the standards

**EN 54-3: 2001/A2: 2006**

under system 1 are applied and that

**the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on December 19, 2013 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, December 19, 2013

  
Marek Hudák  
Director NB

The   
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Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.

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**Annex to Certificate No. 1293 - CPR - 0387 from December 19, 2013**

**General Information:**

SensoIRIS BSOU is an addressable Fire Base with built-in Sounder in its body. The fire base is designed for installing in addressable fire alarm systems which support operation via TTE communication protocol. The device is powered on from the panel and can be controlled via the communication protocol. The addressable SensoIRIS BSOU fire base supports 32 different tone types at two sound levels. The tone type and sound level are programmed from the control panel. The SensoIRIS BSOU is compatible for operation with SensoIRIS addressable detectors series: T110, S130 and M140.

**Technical specifications:**

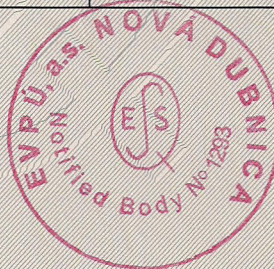
Operation voltage	15-32VDC
Maximal consumption at communication	470 $\mu$ A @ 27VDC
Maximal consumption:	
- main tone 27, low volume level	2,8 mA @ 27VDC
- main tone 27, high volume level	9,8 mA @ 27VDC
Power volume (main tone 27):	
- low volume (up to 100 pcs SensoIRIS BSOU to the loop)	~ 92db (A) $\pm$ 3dB @ 1m
- high volume (up to 30 pcs SensoIRIS BSOU to the loop)	~ 99db (A) $\pm$ 4dB @ 1m
Power volume (other tone types):	
- low volume (up to 100 pcs SensoIRIS BSOU to the loop)	82-92db (A) $\pm$ 3dB @ 1m
- high volume (up to 30 pcs SensoIRIS BSOU to the loop)	90-100db (A) $\pm$ 3dB @ 1m
Number of tone types	32
Supported communication protocol	TTE
Wire Gauge for terminals	0,4 – 2,0mm <sup>2</sup>
Relative humidity resistance	(93 $\pm$ 3)% @ +40° C

**Products parameters:**

Essential characteristics	Performance	Harmonised technical specification
		EN 54-3:2001+A1:2002+A2:2006
Performance under fire conditions	Pass	cl. 4.2, 4.3, 5.2, 5.3
Operational reliability	Pass	cl. 4.4, 4.5, 4.6, 5.4
Durability of operational reliability and response delay: temperature resistance	Pass	cl. 5.5, 5.7, 5.8, 5.9
Durability of operational reliability: humidity resistance	Pass	cl. 5.8, 5.9
Durability of operational reliability: shock and vibration resistance	Pass	cl. 5.12 to 5.15
Durability of operational reliability: corrosion resistance	Pass	cl. 5.11
Durability of operational reliability: corrosion resistance	Pass	cl. 5.16
Durability of operational reliability: resistance to ingress	Pass	cl. 5.17

Nová Dubnica, December 19, 2013

  
**Marek Hudák**  
 Director NB



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