



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0543

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 alarm detector **SensoMAG S30**

For specifications see Annex 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 54-7:2000**

**EN 54-7:2000/A1:2002**

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 April 11<sup>th</sup>, 2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, April 11<sup>th</sup>, 2017

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Marek Hudák  
Director NB

## Annex to Certificate No. 1293 - CPR – 0543 from April 11<sup>th</sup>, 2017

### Technical Specifications

The SensoMAG S30 is a detachable, resettable type of a conventional optical smoke detector. All the detector operational function, including the signals from optical chamber processing and its drift compensation, are controlled by a microcontroller. The detector operational conditions are indicated by two red LEDs under the translucent ribs on the detector head. Normal condition is indicated by short flashes of both LEDs with time period 8 s. Alarm condition is indicated by steady lit of both LEDs.

The detector is possible to connect to suitable conventional control panel by means of two-conductor shielded detection line and mounting base B24 or B24D. The detection line voltage shall be in the range of (12 to 30) V DC, current threshold of alarm condition (10 to 15) mA.

### Products parameters:

Operating voltage:	9 + 30VDC
Nominal operating voltage:	12/24VDC
Average current consumption quiescent state:	< 50µA
Current consumption in alarm state (with base type B24 and B24D):	20mA/12 + 30V
(with base type B24RD):	33mA/12V, 49mA/24V, 57mA/30V
(with base type B12):	18mA/9V, 29mA/12V, 32mA/15V
Protected area:	up to 120m <sup>2</sup> (in accordance with EN 54)
Installation height:	up to 16m (in accordance with EN 54)
Output in alarm state at terminal RI:	20mA (max) / -3,3V
Degree of protection:	IP30
Operational temperature range:	-10°C + 60°C
Relative humidity:	(93 ± 3)% at +40°C
Dimensions (incl. base):	Ø102mm, h 42mm
Weight (incl. base):	160g

Essential characteristics	Test specification	Harmonised technical specifications	Performance
Nominal activation conditions / Sensitivity, response delay (response time) and Performance under fire conditions	cl. 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Operational reliability	cl. 4.2 to 4.5, 4.6=N/A, 4.7, 4.9 to 4.11	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Tolerance to supply voltage	cl. 5.5	EN 54-7:2000 EN 54-7:2000/A1:2002	
Durability of operational reliability and response delay: temperature resistance	cl. 5.8, 5.9	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Durability of operational reliability: vibration resistance	cl. 5.13 to 5.16	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Durability of operational reliability: corrosion resistance	cl. 5.12	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass
Durability of operational reliability: electrical stability	cl. 5.17	EN 54-7:2000 EN 54-7:2000/A1:2002	Pass

Nová Dubnica, April 11<sup>th</sup>, 2017



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