



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0634

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 heat and optical-smoke detector
SensoMAG M40, Precise M40, Herald M40, RunwayLeo M40**

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 54-5:2000
EN 54-5:2000/A1:2002
EN 54-7:2000
EN 54-7:2000/A1:2002
EN 54-7:2000/A2:2006**

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 19th, 2019 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 19th, 2019

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Page 1 / 2 FCO 425-13 Rev.1




Marek Hudák
Director NB

Annex to Certificate No. 1293 - CPR – 0634 from March 19th, 2019

General Information

The detector SensoMAG M40 and derived variants are compatible with any conventional Fire Panel with fire alarm

threshold between 10mA and 15mA (between 10mA and 30mA with B24RD fire base).

The detector can be used with 4 base types:

B12L/U - Base with relay output (not covered by EN54-5/7);

B24 - Standard base;

B24D - Standard base with Schottky diode;

B24RD - Standard base with Schottky diode and increased alarm state current.

Technical specifications

Operating voltage range 9 - 30 V DC (Nom. 12/24VDC)

Average current consumption in quiescent state < 50µA

Alarm state current

- with base type B24 and B24D

20 mA / 12+30V

- with base type B24RD

33 mA / 12V; 49mA/24V; 57mA/30V

- with base type B12L/U

18 mA / 9V; 29mA/12V; 32mA/15V

Class (in accordance with EN 54-5)

A1/R

Output in alarm state at terminal RI

20mA (max) / -3.3V

Operation temperature

-10°C + +60°C

Relative humidity

(93±3)% @ +40°C

Degree of protection

IP30

Dimensions

Φ 102mm h 42mm

Weight (incl. base)

160g

Essential characteristics	Harmonised technical specification		Performance
	EN 54-5:2000, EN 54-5:2000/ A1:2002	EN 54-7:2000 EN 54-7:2000/ A1:2002 EN 54-7:2000/ A2:2006	
Nominal activation conditions / Sensitivity Response delay (response time) and Performance under fire conditions	cl. 4.2, 4.3, 5.2 to 5.4, 5.5=N/A, 5.6, 5.8, 6.1=N/A, 6.2	cl. 4.8, 5.2 to 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	cl. 4.4, 4.5=N/A, 4.6, 4.7, 4.8=N/A, 4.9 to 4.11	cl. 4.2 to 4.5, 4.6=N/A, 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	cl. 5.7	cl. 5.5	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.9, 5.10=N/A	cl. 5.8, 5.9	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	cl. 5.13 to 5.16	Pass
Durability of operational reliability: humidity resistance	cl. 5.11, 5.12	cl. 5.10, 5.11	Pass
Durability of operational reliability: corrosion resistance	cl. 5.13	cl. 5.12	Pass
Durability of operational reliability: electrical stability	cl. 5.18	cl. 5.17	Pass

Nová Dubnica, March 19th, 2019



Marek H u d á k
Director NB