



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0639 Rev.1

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

**Conventional fire alarm Rate-of-Rise Heat Detector  
SensoMAG R20, Precise R20, Herald R20, RunwayLeo R20,  
SensoMAG R20 Relay, Eagle R20**

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

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

and produced in the manufacturing plant

**Teletek Electronics JSC  
14A Srebarna 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 standard

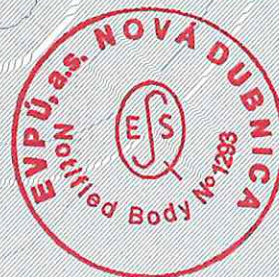
**EN 54-5: 2017+A1: 2018**

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 August 31<sup>st</sup>, 2022 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, August 31<sup>st</sup>, 2022



  
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## Annex to Certificate No. 1293 - CPR – 0639 Rev.1 from August 31<sup>st</sup>, 2022

### General information:

The detector SensoMAG R20 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)

B24 - Standard base; low profile, B24-HP – Standard base, high profile

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)

Class (in accordance with EN 54-5)

A1/R

Dimensions

Φ 102mm h 42mm\*, Φ 103mm h 56mm\*\*

Weight (incl. base)

160g\*, 170g\*\*

\*B12L/U, B24, B24D, B24RD

\*\*B24-HP

Essential characteristics	Harmonised technical specification	Performance
	EN 54-5: 2017 + A1: 2018	
Operational reliability	cl. 4.2.1, 4.2.2, 4.2.3=N/A, 4.2.4, 4.2.5, 4.2.6=N/A, 4.2.7	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.6	Pass
Response delay (response time)	cl. 4.4.1=N/A, 4.4.2	Pass
Tolerance to supply voltage	cl. 4.5.1	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.6.1.1, 4.6.1.2=N/A	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.6.2.1, 4.6.2.2	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.6.3	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.6.4.1 to 4.6.4.4	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.6.5	Pass

### History of certification

No.	Certificate No.	Description	Date of issue
1.	1293-CPD-0118	Original certificate issued	February 11 <sup>th</sup> , 2009
2.	1293-CPR-0639	CPR certificate issued	March 19 <sup>th</sup> , 2019
3.	1293-CPR-0639 Rev.1	Testing according to the new edition of standard	August 31 <sup>st</sup> , 2022

Nová Dubnica, August 31<sup>st</sup>, 2022



Michal Mišiak