



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0606 Rev.1

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

**Intelligent analogue addressable fire alarm manual call point with built-in isolator module SensoIRIS MCP150PR, SensoIRIS MCP150PB, Belinda MCP150PR, Belinda MCP150PB, Erida MCP150PR, Marl MCP150PR, Smoke sense MCP150PR, Expera HMi-PR, Expera HMi-PB**

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 54-11:2001  
EN 54-11:2001/A1:2005  
EN 54-17:2005  
EN 54-17:2005/AC:2007**

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 February 28<sup>th</sup>, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, February 28<sup>th</sup>, 2019

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Director NB



## Annex 1 to Certificate No. 1293 - CPR – 0606 Rev.1 from February 28<sup>th</sup>, 2019

### Technical Specifications

The addressable manual call points SensolRIS MCP150PR and derived variants are designed for application in addressable fire alarm systems, which support TTE communication protocol. The call point has a built-in isolator module which when used allows continuous operation of the loop in case of short circuit and without need of using additional isolator modules. The call points are powered on from the fire panel and can be controlled via the communication protocol.

### Products parameters:

Operating voltage	15+32VDC
Current consumption without communication (max)	125 $\mu$ A @ 27 V DC
Current consumption with communication (max)	160 $\mu$ A @ 27 V DC
Current consumption in Fire mode	3mA
Material (plastic), colour	ABS, red
Type (mode of operation according to EN 54-11)	B
Working element (2 parts)	
- Frangible element	non-resettable (a break glass)
- Operating element	resettable (a button)
Indication "Fire alarm"	red LED
Operation temperature	-10°C + +60°C
Relative humidity	$\leq (93\pm 3)\%$ @ +40°C
Dimensions	125x125x36mm
Weight	257g

### Isolator module parameters:

<i>V<sub>max</sub></i>	Maximum line voltage	32V
<i>V<sub>nom</sub></i>	Nominal line voltage	28V
<i>V<sub>min</sub></i>	Minimum line voltage	15V
<i>V<sub>so max</sub></i>	Maximum voltage at which the device isolates	7.5V
<i>V<sub>so min</sub></i>	Minimum voltage at which the device isolates	5.9V
<i>V<sub>sc max</sub></i>	Maximum voltage at which the device reconnects	6.7V
<i>V<sub>sc min</sub></i>	Minimum voltage at which the device reconnects	5V
<i>I<sub>c max</sub></i>	Maximum rated continuous current with the switch closed	0.7A
<i>I<sub>s max</sub></i>	Maximum rated switching current (e.g. under short circuit)	1.8A
<i>I<sub>l max</sub></i>	Maximum leakage current with the switch open (isolated state)	16mA
<i>Z<sub>c max</sub></i>	Maximum series impedance with the switch closed	0.12 $\Omega$ @28VDC; 0.15 $\Omega$ @15VDC

Nová Dubnica, February 28<sup>th</sup>, 2019



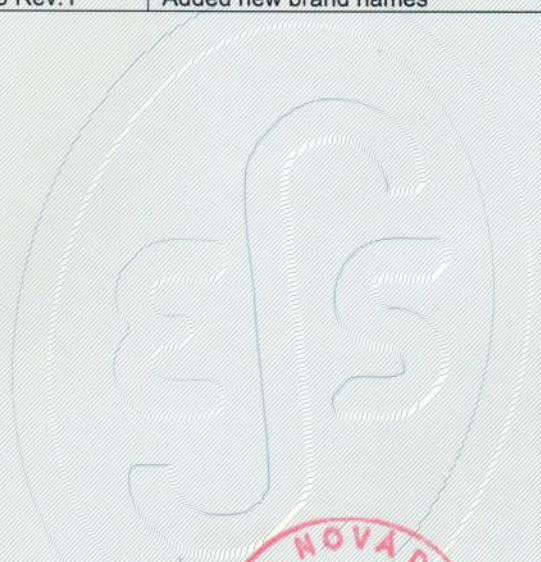
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**Annex 2 to Certificate No. 1293 - CPR – 0606 Rev.1 from February 28<sup>th</sup>, 2019**

Essential characteristics	Harmonised technical specification		Performance
	EN 54-11:2001 EN 54-11/A1:2005	EN 54-17:2005 EN 54-17/AC:2007	
Nominal activation conditions / Sensitivity and Performance under fire conditions	cl. 4.3.2, 4.4, 4.7.1, 4.7.4=N/A, 5.2, 5.3	cl. 5.2	Pass
Operational reliability	cl. 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5	cl. 4	Pass
Durability of operational reliability: temperature resistance	cl. 5.7, 5.8=N/A, 5.9	cl. 5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	cl. 5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11=N/A, 5.12, 5.19=N/A	cl. 5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	cl. 5.11=N/A, 5.13	cl. 5.8	Pass
Durability of operational reliability: electrical stability	cl. 5.6, 5.18	cl. 5.3, 5.13	Pass

**History of certification**

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0606	Original certificate issued	July 10 <sup>th</sup> , 2018
2	1293-CPR-0606 Rev.1	Added new brand names	February 28 <sup>th</sup> , 2019



Nová Dubnica, February 28<sup>th</sup>, 2019

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