NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0708

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

Heat Detector HD29

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

RUBEZH

Design Office of Fire Automatics LLC
Office 9, house 128, liter A, p. im. Pugacheva E.I. 2nd, line 4-1,
410019 Saratov, Russia

and produced in the manufacturing plant

Impuls LLC
50 Years of October avenue 108A, 410040 Saratov, Russia

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: 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 November 20th, 2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

EVPÚ, a.s. NOVÁ DUBNICA Notified Body No. 1293

Nová Dubnica, November 20th, 2020

Marek H u d á k
Director NB

053796

Annex to Certificate No. 1293 - CPR – 0708 from November 20th, 2019

Technical specifications

Heat Detector HD29 is designed to detect fires indoors by the critical temperature and by the rate of change of an ambient temperature. Upon reaching the limit values for one of the measured parameters or the combination thereof, the detector generates an "Actuation" signal. The signal may be reset from the fire alarm control panel.
The detector is designed for the operation with R3500 series device.
Class (according to EN 54-5): Class A1R
The power supply of the detector and communication are carried out via the addressable communication line. The detector allows the connection to the addressable communication line regardless of polarity.
The detector occupies 1 address in the system.
The operating range of supply voltage of HD29 from the addressable communication line is (24 – 36) V

Essential characteritics	Test specification	Harmonised technical specifications	Performance
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	EN 54-5: 2017+A1: 2018	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3, 4.3.4=N/A, 4.3.5, 4.3.6	EN 54-5: 2017+A1: 2018	Pass
Response delay (response time)	cl. 4.4.1=N/A, 4.4.2	EN 54-5: 2017+A1: 2018	Pass
Tolerance to supply voltage	cl. 4.5.1	EN 54-5: 2017+A1: 2018	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.6.1.1, 4.6.1.2=N/A	EN 54-5: 2017+A1: 2018	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.6.2.1, 4.6.2.2	EN 54-5: 2017+A1: 2018	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.6.3	EN 54-5: 2017+A1: 2018	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.6.4.1 to 4.6.4.4	EN 54-5: 2017+A1: 2018	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.6.5	EN 54-5: 2017+A1: 2018	Pass

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Nová Dubnica, November 20th, 2020

Marek H u d á k
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