NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0684 Rev.1

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of March 9th, 2011* (the Construction products Regulation or CPR), this certificate applies to the construction product

Optical Beam Smoke Detector 6500RE, 6500RSE

For specifications see Annexes to this certificate

placed on the market under the name or trade mark of

Honeywell Products and Solutions Sàrl,
(Trading as System Sensor Europe)
Zone d'Activités La Pièce 16,
1180 Rolle, Switzerland

and produced in the manufacturing plant

Pittway Tecnologica Srl,
Via Caboto 19/3, 34147 Trieste, Italy

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-12: 2015

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 July 9th, 2026 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, **July 9th, 2026**

Róbert Baniga
Head of NB No. 1293

Annex 1 to Certificate No. 1293 – CPR – 0684 Rev.1 from July 9th, 2026

General Information

The models 6500RE and 6500RSE is a conventional long range projected beam smoke detector designed to provide open area protection. It consists of a combined transmitter/receiver unit and a reflector. Smoke entering the area between the two components causes a reduction in the signal returned to the receiver. When the obscuration reaches alarm thresholds, selected at the transmitter/receiver unit, the detector generates an alarm signal. The model 6500RSE includes an integral servo controlled calibrated test filter, which allows automatic remote alarm testing.

The detectors can be used in range 10m – 70m with reflector type REFL6500 20cmx20cm.
For ranges from 70m to 100m can be used Long Range Kit comprising three additional 20cm x 20cm reflectors, which may be mounted in a square with the supplied reflector.
Type 6500RSE - Conventional Beam detector with self-test function.
Type 6500RE - Conventional Beam detector.

Technical specifications

Voltage	6500R: 10.2 to 32 VDC 6500RS: 15 to 32 VDC
Operating Temperature	-30 °C to +55 °C
Humidity	10% to 95 % Relative Humidity (Non-condensing)
Dimensions (Without Faceplate)	229mm x 178mm x 84mm
Dimensions (With Faceplate)	253mm x 193mm x 84mm

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Nová Dubnica, **July 9th, 2026**

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Annex 2 to Certificate No. 1293 – CPR – 0684 Rev.1 from July 9th, 2026

Products parameters:

Essential characteristics	Harmonised technical specifications EN 54-12:2015	Performance
Operational reliability:		
Individual alarm indication	4.2.1	Pass
Connection of ancillary devices	4.2.2	
Manufacturer's adjustments	4.2.3	
On-site adjustment of response value	4.2.4	
Protection against the ingress of foreign bodies	4.2.5	
Monitoring of detachable detectors and connections	4.2.6=N/A	
Requirements for SW controlled detectors (when provided)	4.2.7	
Nominal activation conditions / Sensitivity:		
Reproducibility	4.3.1	Pass
Repeatability	4.3.2	
Tolerance to beam misalignment	4.3.3	
Rapid changes in attenuation	4.3.4	
Response to slowly developing fires	4.3.5	
Optical path length dependence	4.3.6	
Stray light	4.3.7	
Tolerance to supply voltage:		Pass
Variation in supply parameters	4.4	
Performance parameters under fire conditions:		Pass
Fire sensitivity	4.5	
Durability of nominal activation conditions / sensitivity:		Pass
Temperature resistance		
Dry heat (operational)	4.6.1.1	
Cold (operational)	4.6.1.2	
Humidity resistance		
Damp heat, steady-state (operational)	4.6.2.1	
Damp heat, steady-state (endurance)	4.6.2.2	
Vibration resistance		
Vibration (endurance)	4.6.3.1	
Impact (operational)	4.6.3.2	
Electrical Stability		
EMC immunity (operational)	4.6.4	
Corrosion resistance		
Sulphur dioxide (SO2) corrosion (endurance)	4.6.5	

History of certification:

No.	Certificate No.	Description	Date of issue
1.	1293-CPR-0684	Original CPR certificate issued	April 14th, 2014
2.	1293-CPR-0684 Rev.1	Revision of the CPR certificate issued based on verification testing.	July 9th, 2026

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

Nová Dubnica, **July 9th, 2026**

Róbert J a n i g a
Head of NB No. 1293