



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0684

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

Optical Beam Smoke Detector 6500RE, 6500RSE

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

Honeywell Products and Solutions Sarl
(Trading as System Sensor Europe)
Zone d'Activités La Pièce 16
Honeywell Products & Solutions Sàrl
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 standards

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 March 31st, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, March 31st, 2020

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Marek Hudák
Director NB

Annex 1 to Certificate No. 1293 - CPR – 0684 from March 31st, 2020

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

Nová Dubnica, March 31st, 2020



Marek Hudák
Director NB

Annex 2 to Certificate No. 1293 - CPR – 0684 from March 31st, 2020

Essential characteristics	Harmonised technical specifications	Performance
	EN 54-12:2015	
Operational reliability: Individual alarm indication Connection of ancillary devices Manufacturer's adjustments On-site adjustment of response value Protection against the ingress of foreign bodies Monitoring of detachable detectors and connections Requirements for SW controlled detectors (when provided)	4.2.1 4.2.2 4.2.3 4.2.4 4.2.5 4.2.6=N/A 4.2.7	Pass
Nominal activation conditions / Sensitivity: Reproducibility Repeatability Tolerance to beam misalignment Rapid changes in attenuation Response to slowly developing fires Optical path length dependence Stray light	4.3.1 4.3.2 4.3.3 4.3.4 4.3.5 4.3.6 4.3.7	Pass
Tolerance to supply voltage: Variation in supply parameters	4.4	Pass
Performance parameters under fire conditions: Fire sensitivity	4.5	Pass
Durability of nominal activation conditions / sensitivity: Temperature resistance Dry heat (operational) Cold (operational) Humidity resistance Damp heat, steady-state (operational) Damp heat, steady-state (endurance) Vibration resistance Vibration (endurance) Impact (operational) Electrical Stability EMC immunity (operational) Corrosion resistance Sulphur dioxide (SO ₂) corrosion (endurance)	4.6.1.1 4.6.1.2 4.6.2.1 4.6.2.2 4.6.3.1 4.6.3.2 4.6.4 4.6.5	Pass



Nová Dubnica, March 31st, 2020
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