



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0683

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 6500E-XX, 6500SE-XX

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**  
**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 March 31<sup>st</sup>, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 31<sup>st</sup>, 2020

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Marek H u d á k  
Director NB

## Annex 1 to Certificate No. 1293 - CPR – 0683 from March 31<sup>st</sup>, 2020

### General Information

The models 6500E-XX and 6500SE-XX are the addressable long range projected beam smoke detectors designed to provide open area protection. Each consists from 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 the alarm thresholds, selected at the transmitter/receiver unit, the detector generates an alarm signal. The model 6500SE-XX 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.

The device is equipped with short circuit isolators. The Isolators will be controllable in Advanced Protocol and will be automatic in 200 Series. XX are used for customer ID - refer to S61-580-000 advanced protocol ID's table for customer name.

### Technical specifications

Voltage	15 to 32 VDC (15-28.5V when using isolators)
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 31<sup>st</sup>, 2020

Marek H u d á k  
Director NB

**Annex 2 to Certificate No. 1293 - CPR – 0683 from March 31<sup>st</sup>, 2020**

Essential characteristics	Harmonised technical specification		Performance
	EN 54-12:2015	EN 54-17:2005 EN 54-17:2005/ AC:2007	
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
Operational reliability	---	cl.4	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 Reproducibility	4.5 ---	--- cl. 5.2	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 <sub>2</sub> ) 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
Durability of operational reliability: temperature resistance	---	cl. 5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	---	cl. 5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	---	cl. 5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	---	cl. 5.8	Pass
Durability of operational reliability: electrical stability	---	cl. 5.3, 5.13	Pass



Nová Dubnica, March 31<sup>st</sup>, 2020  
053631

  
**Marek Hudák**  
 Director NB