



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the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Marek Hudák Director NB

053630

EVPÚ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, www.evpu.sk Page 1 / 3 FCO 425-13 Rev.1

Annex 1 to Certificate No. 1293 - CPR - 0683 from March 31st, 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
Operating Temperature
Humidity
Dimensions (Without Faceplate)
Dimensions (With Faceplate)

15 to 32 VDC (15-28.5V when using isolators)
-30 °C to +55 °C
10% to 95 % Relative Humidity (Non-condensing)
229mm x 178mm x 84mm
253mm x 193mm x 84mm

Name of the state of the state

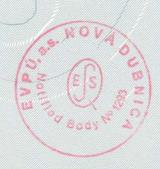
Nová Dubnica, March 31st, 2020

Marek Hudák Director NB

EVPÚ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, <u>www.evpu.sk</u> Page 2 / 3 FCO 425-13 Rev.1

Annex 2 to Certificate No. 1293 - CPR - 0683 from March 31st, 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	4.2.1 4.2.2 4.2.3 4.2.4 4.2.5 4.2.6=N/A		Pass
(when provided)		ADDRESS FORCE	
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 (SO2) 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		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	+ 3 ()	cl. 5.3, 5.13	Pass



Nová Dubnica, March 31st, 2020 053631

Marek Hudák Director NB

EVPÚ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, <u>www.evpu.sk</u> Page 3 / 3 FCO 425-13 Rev.1