



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0682

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

Fire detection and fire alarm systems Conventional optical - smoke detector FD 8030

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

UniPOS Ltd.

San Stefano str. 47, 5800 Pleven, Bulgaria

and produced in the manufacturing plant

UniPOS Ltd.

San Stefano str. 47, 5800 Pleven, Bulgaria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-7: 2000

EN 54-7: 2000/A1: 2002

EN 54-7: 2000/A2: 2006

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 3rd, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 3rd, 2020

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Marek H u d á k
Director NB

Annex to Certificate No. 1293 - CPR – 0682 from March 3rd, 2020

Technical specifications:

The fire detector FD 8030 is designed for early warning of a fire condition responding to fixed threshold smoke concentration detected in the protected premises. The smoke concentration sensitivity is factory preset. The principle of functioning of the detector is based on infrared rays distraction caused by smoke particles entering the optic chamber. The fire detector is controlled by a microprocessor, operating on the basis of improved algorithm for self-compensation of the chamber contamination. The fire detector consist of printed circuit board and optic chamber, fixed in a plastic body. The fire detector operates with bases type 8000, 8000D, 8000R or 8000DR.

Products parameters:

Supply voltage	10 + 30 VDC
Smoke sensitivity	comply with EN 54-7
Protected area	circle with diameter 15 m
Operational temperature range	-10°C + +55°C
Relative humidity resistance	(93±3)% at 40°C
Degree of protection	IP 43
Dimensions, base included	Φ100 mm h 47 mm
Weight, base included	0.100 kg


Essential characteristics	Harmonised technical specifications	Performance
	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7:2000/A2:2006	
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	cl. 4.8, 5.2 to 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	cl. 4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	cl.5.5	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.8, 5.9	Pass
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11	Pass
Durability of operational reliability: vibration resistance	cl. 5.13 to 5.16	Pass
Durability of operational reliability: corrosion resistance	cl. 5.12	Pass
Durability of operational reliability: electrical stability	cl. 5.17	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPD-0070	Original certificate issued	February 5 th , 2008
2	1293-CPD-0214	Added place of factory	January 10 th , 2011
3	1293-CPD-0287	Changed place of factory	March 9 th , 2012
4	1293-CPR-0682	CPR certificate issued Change of address	March 3 rd , 2020

Nová Dubnica, March 3rd, 2020




 Marek Hudák
 Director NB