EVPÚ®

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0673

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 rate of rise heat detector FD 8020

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 54-5:2000
EN 54-5:2000/A1:2002

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 January 20th, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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

Nová Dubnica, January 20th, 2020

053486

Marek Hudák
Director NB

Annex to Certificate No. 1293 - CPR – 0673 from January 20th, 2020

Technical specifications:
The fire detector is designed for early warning of a fire condition upon reaching a rate of rise of the temperature or fixed temperature threshold in the protected premises. The principle of functioning of the fire detector is based on the ohmic resistance alteration in the thermistor as a result of the ambient temperature change.
The fire detector consist of a printed circuit board and a chamber with thermistor fixed in a plastic body.

Product parameters:

Supply voltage	10 ÷ 30 VDC
Temperature class	A2R (acc. EN 54-5)
Protected area	circle with diameter 10 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 54-5:2000 EN 54-5:2000/A1:2002	
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	cl. 4.2, 4.3, 5.2 to 5.4, 5.5=N/A, 5.6, 5.8 , 6.1=N/A, 6.2	Pass
Operational reliability	cl. 4.4 to 4.7, 4.8=N/A, 4.9 to 4.10, 4.11=N/A	Pass
Tolerance to supply voltage	cl. 5.7	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.9, 5.10=N/A	Pass
Durability of operational reliability: humidity resistance	cl. 5.11, 5.12	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	Pass
Durability of operational reliability: corrosion resistance	cl. 5.13	Pass
Durability of operational reliability: electrical stability	cl. 5.18	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPD-0069	Original certificate issued	January 30th, 2008
2	1293-CPD-0213	Added place of factory	January 10th, 2011
3	1293-CPD-0286	Changed place of factory	March 9th, 2012
4	1293-CPR-0673	CPR certificate issued Change of address	January 20th, 2020

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

Nová Dubnica, January 20th, 2020

Marek H u d á k
Director NB