



EC CERTIFICATE

Notified Body No. 0843

CPR Notified Body, UL International (UK) Ltd., Kingsland Business Park, Unit 1-3 Horizon, Wade Rd, Basingstoke RG24 8AH, United Kingdom

Certificate of constancy of performance 0843-CPR-0588

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

Model FD 8020R - Conventional Rate of Rise Heat Detector and Model FD 8020S - Conventional Static Heat Detector

placed on the market under the name or trademark of

UniPOS Ltd.
47 San Stefano Str.
Pleven city
Bulgaria 5800

and produced in the manufacturing plant(s)

UniPOS Ltd.
47 San Stefano Str.
Pleven city
Bulgaria 5800

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN54-5:2017 + A1:2018 - Fire Detection & Alarm Systems - Heat Detectors – Point Heat Detectors

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 2020-11-11 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body

2020-11-11

Chris Miles
Head of Notified Body
UL International (UK) Ltd.



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Annex: Detailed information sheet

Certificate Number: 0843-CPR-0588

Product/Device description:

Model FD 8020R - Conventional Rate of Rise Heat Detector and
Model FD 8020S - Conventional Static Heat Detector

Applicant designation:

UniPOS Ltd., 47 San Stefano Str., Pleven city, Bulgaria 5800

Product Information

Model Reference:	FD 8020R
Type:	Category A2R Heat Detector
Description:	Conventional Rate of Rise Heat Detector
Operating Voltage:	10-30 V DC
Detector Base:	Model 8000

Model Reference:	FD 8020S
Type:	Category A2S Heat Detector
Description:	Conventional Static Heat Detector
Operating Voltage:	10-30 V DC
Detector Base:	Model 8000

Summary Report

S36102-D01-EuropeanDirective-Original

The referenced product complies with all the relevant requirements as per EN54-5:2017 + A1:2018

2020-11-11

Chris Miles
Head of Notified Body
UL International (UK) Ltd.

UL International (UK) Limited
Kingsland Business Park, Unit 1-3 Horizon, Wade Rd,
Basingstoke RG24 8AH, United Kingdom
27-CP-F0855 Issue: 3.1



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Annex: Detailed information sheet

Certificate Number: 0843-CPR-0588

Models: FD 8020R and FD 8020S

Essential Characteristics	Performance	Standard
Operational reliability		
5.2.1 Position of heat sensitive elements	Pass	EN54-5:2017 + A1:2018
5.2.2 Individual alarm indication	Pass	EN54-5:2017 + A1:2018
5.2.3 Connection of ancillary devices	Pass	EN54-5:2017 + A1:2018
5.2.4 Monitoring of detachable detectors	Pass	EN54-5:2017 + A1:2018
5.2.5 Manufacturer's adjustments	Pass	EN54-5:2017 + A1:2018
5.2.6 On-site adjustment of response behaviour	Pass	EN54-5:2017 + A1:2018
5.2.7 Software controlled detector (when provided)	Pass	EN54-5:2017 + A1:2018
Nominal activation conditions/sensitivity		
5.3.1 Directional dependence	Pass	EN54-5:2017 + A1:2018
5.3.2 Static response temperature	Pass	EN54-5:2017 + A1:2018
5.3.3 Response times from typical application temperature	Pass	EN54-5:2017 + A1:2018
5.3.5 Response times from high ambient temperature	Pass	EN54-5:2017 + A1:2018
5.3.6 Reproducibility	Pass	EN54-5:2017 + A1:2018
Response delay (response time)		
5.4.1 Additional test for suffix S detectors (for FD 8020S only)	Pass	EN54-5:2017 + A1:2018
5.4.2 Additional test for suffix R detectors (for FD 8020R only)	Pass	EN54-5:2017 + A1:2018
Tolerance to supply voltage		
5.5.1 Variation in supply parameters	Pass	EN54-5:2017 + A1:2018
Durability of Nominal activation conditions/sensitivity		
5.6.1.1 Cold (operational)	Pass	EN54-5:2017 + A1:2018
5.6.2.1 Damp heat, cyclic (operational)	Pass	EN54-5:2017 + A1:2018
5.6.2.2 Damp heat, steady state (endurance)	Pass	EN54-5:2017 + A1:2018
5.6.3.1 Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	EN54-5:2017 + A1:2018
5.6.4.1 Shock (operational)	Pass	EN54-5:2017 + A1:2018
5.6.4.2 Impact (operational)	Pass	EN54-5:2017 + A1:2018
5.6.4.3 Vibration sinusoidal (operational)	Pass	EN54-5:2017 + A1:2018
5.6.4.4 Vibration sinusoidal (endurance)	Pass	EN54-5:2017 + A1:2018
5.6.5.1 EMC Immunity (operational)	Pass	EN54-5:2017 + A1:2018

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