



NB-CPR 305/2011 EU

Nr. 1415

Product certification body accredited by NAH  
under No NAH-6-0057/2019/K.

ÉMI NON-PROFIT LIMITED LIABILITY COMPANY FOR QUALITY  
CONTROL AND INNOVATION IN BUILDING  
ENGINEERING SERVICES DIRECTORATE  
CONFORMITY ASSESSMENT CENTER  
CERTIFICATION OFFICE

H-2000 Szentendre, Dózsa György út 26. Postal address: H-2001 Szentendre, Pf : 180.  
Phone: +36 (26) 502 300 E-mail: tanusitas@emi.hu WEB: http://www.emi.hu

## EC-CERTIFICATE OF CONSTANCY OF PERFORMANCE

1415–CPR–91–(C-63/2019)

In compliance with Regulation 305/2011/EU 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

### FLS-IR3-HD, FLS-IR3 flame detector

with performance shown in the annex as page 2/2 of this certificate  
for Fire safety and

produced by

Fire & Gas Detection Technologies Inc.  
590 West Central Avenue, Suite K, Brea, CA 92821, USA

and produced in the manufacturing plant

Plant 1

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard EN 54-10:2002, EN 54-10:2002/A1:2005 under system (1) are applied and that

***the product fulfils all the prescribed requirements set out above.***

This certificate was first issued on 21.01.2020 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

***This certificate consists of 2 pages!***

Dated at Szentendre, 21.01.2020



  
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Ágnes Molnár  
Head of Certification Office



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**1415-CPR-91-(C-63/2019)**

**ANNEX**

Type	FLS-IR3-HD	FLS-IR3
Operating voltage:	24 VDC (18...32 VDC)	
Current consumption:		
standby	210 mA	120 mA
maximum	300 mA	180 mA
RS-485 communication:	with Modbus RTU protocol	
TCP/IP communication:	ONVIF / HTTP protocol	—
Field of view:	90° horizontal, 75° vertical	
Dimensions [mm]:	200×130×130 mm	140×90×90 mm
Weight (stainless steel 316):		
detector	4,4 kg	3,0 kg
tilt mount	2,4 kg	1,5 kg
Ingress protection:	IP66 & IP68 (2m, 24hrs)	
Operating temperature range:	-55...+85 °C	
Relative humidity range:	up to 99 rH%, non-condensing	

Essential characteristics	Performance	EN 54-10 clause
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance parameters under fire conditions:	Passed	4.2, 5.2 to 5.6
Operational reliability:	Passed	4.3 to 4.9
Tolerance to supply voltage:	Passed	5.16
Durability of operational reliability and response delay:	Passed	
temperature resistance	passed	5.7, 5.8
vibration resistance	passed	5.12 to 5.15
humidity resistance	passed	5.9, 5.10
corrosion resistance	passed	5.11
electrical stability	passed	5.17

Dated at Szentendre, 21.01.2020

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