



NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0877

In compliance with the *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

Esmi Impresia Smoke Detector FFS06741001

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

**Schneider Electric Buildings AB,
Mobilvägen 8, 223 62 Lund, Sweden**

and produced in the manufacturing plant

**Teletek Electronics JSC,
2, Iliyansko Shose Str., NPZ Voenna Rampa, 1220 Sofia, Bulgaria**

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 54-7: 2018,
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 14th, 2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 14th, 2024

Michal Mišiak
Head of CB NB No. 1293

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Annex to Certificate No. 1293 - CPR – 0877 from March 14th, 2024

General information

Esmi Impresia Smoke Detector (FFS06741001) is an addressable loop powered optical-smoke detector with built-in isolator module, designed for installing in addressable fire alarm systems with Esmi ELC loop controller supporting Schneider Electric communication protocol.

These detector is compatible with Esmi Impresia Standard Base (FFS06741018) and Esmi Impresia Standard Base High Profile (FFS06741028)

The address setting is done by the panel, QR code or handheld addressing device.

Technical specifications

Operating voltage range	16-32V DC (Nom. 27V DC)
Sensitivity level (EN 54-7)	Normal
Dimensions	103 x 48.3 mm
Weight	~ 94.5 g
Supported communication protocol	Esmi ELC

Essential characteristics	Harmonised technical specification		Performance
	EN 54-7:2018	EN 54-17: 2005 EN 54-17: 2005/AC:2007	
Operational reliability	cl. 4.2.1 to 4.2.8	cl. 4	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3	---	Pass
Response delay (response time)	cl. 4.4.1, 4.4.2	---	Pass
Tolerance to supply voltage	cl. 4.5	---	Pass
Performance parameters under fire conditions	cl. 4.6	cl. 5.2	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.7.1.1, 4.7.1.2	cl. 5.4, 5.5	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.7.2.1, 4.7.2.2	cl. 5.6, 5.7	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.7.3	cl. 5.8	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.7.4.1 to 4.7.4.4	cl. 5.9 to 5.12	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.7.5	cl. 5.3, 5.13	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0771	Original certificate issued	April 1 st , 2021
2	1293-CPR-0771 Rev.1	Testing according to the new edition of standard	September 14 th , 2022
3	1293-CPR-0877	New company name and location New location of place of production	March 14 th , 2024

Nová Dubnica, March 14th, 2024

Michal Mišiak
Head of CB NB No. 1293