



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0825

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

Addressable optical acoustic alarm device for indoor and outdoor

TFIES02 

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

TECNOALARM s.r.l., Via Cirie 38, 10099 San Mauro – Torino, Italy

and produced in the manufacturing plant

**TECNOALARM s.r.l.,
Strada del Cascinotto 139/54, 10154 Torino, Italy**

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

**EN 54-3:2001
EN 54-3:2001/A1:2002
EN 54-3:2001/A2:2006
EN 54-17:2005
EN 54-17:2005/AC:2007
EN 54-23:2010**

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 21st, 2022 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 21st, 2022

054235




Michal Mišiak

Annex to Certificate No. 1293 - CPR – 0825 from March 21st, 2022

Technical specifications

The TFIES02 can be connected to the detection loops of the fire alarm panels from Tecnofire. It can operate in the single or dual ID mode. In the dual ID mode, it occupies two consecutive addresses, the principal one and the alias (e.g. addresses 58 and 59). The two addresses allow the alarm device to use two different signaling modes.

The device is equipped with a loop isolator which, in case of failure, disconnects the device from the loop in order to safeguard the correct functioning of the devices connected downstream and upstream.

Operating voltage:	18V...30V DC (Rated voltage 24 VDC)
Power supply:	Over loop
Area of use:	Type B (outdoor application)
Main sound frequency:	No.9
Sound type:	64
Dimensions:	Φ120 mm, h 65 mm
Weight:	230 g

Essential characteristics	Harmonised technical specification			Performance
	EN 54-3:2001 EN 54-3:2001/ A1:2002 EN 54-3:2001/ A2:2006	EN 54-23: 2010	EN 54-17: 2005 EN 54-17: 2005/AC:2007	
Performance under fire conditions	cl. 4.2, 4.3, 5.2, 5.3, C.3.1=N/A, C.3.2=N/A, C.5.1=N/A, C.5.2=N/A, C.5.3=N/A	cl. 4.3.1 to 4.3.7	cl. 5.2	Pass
Operational reliability	cl. 4.4 to 4.6, 5.4, C4=N/A	cl. 4.2.1 to 4.2.8	cl. 4	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.5 to 5.9	cl. 4.4.1.1 to 4.4.1.3	cl. 5.4, 5.5	Pass
Durability of operational reliability: humidity resistance	cl. 5.8 to 5.10	cl. 4.4.2.1 to 4.4.2.3	cl. 5.6, 5.7	Pass
Durability of operational reliability: shock and vibration resistance	cl. 5.12 to 5.15	cl. 4.4.3.1 to 4.4.3.4	cl. 5.9 to 5.12	Pass
Durability of operational reliability: corrosion resistance	cl. 5.11	cl. 4.4.4	cl. 5.8	Pass
Durability of operational reliability: electrical stability	cl. 5.16	cl. 4.4.5	cl. 5.3, 5.13	Pass
Durability of operational reliability: resistance to ingress	cl. 5.17	---	---	Pass

Nová Dubnica, March 21st, 2022



Michal Mišiak