

CERTIFICATE

of constancy of performance

1922 - CPR - 0849

In compliance with Regulation (EU) 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.

teknim TFB-3165 - Conventional manual call point resettable

(with the performance listed, see Annex I to 1922-CPR-0849 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Bilgi Elektronik San. ve Tic. A.Ş.

**Dudullu Organize Sanayi Bölgesi 1. Cadde İsmet Tarman İş Merkezi No:1,
Kat:2/32 Ümraniye, İstanbul, Turkey**

and produced in the manufacturing plant of

Bilgi Elektronik San. ve Tic. A.Ş.

**Dudullu Organize Sanayi Bölgesi 1. Cadde İsmet Tarman İş Merkezi No:1,
Kat:2/32 Ümraniye, İstanbul, Turkey**

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

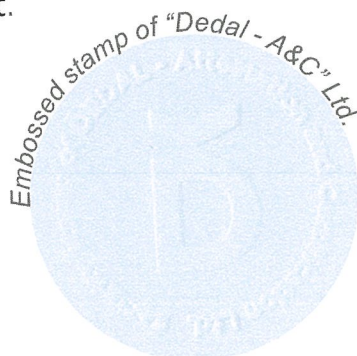
EN 54-11:2001, EN 54-11:2001/A1:2005

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 25.04.2017 and will remain valid until 25.04.2019 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal-bg.net.



Issued:
Burgas, 04 April 2018



Manager:


Dedal
Attestation & Certification

arch. Galina Vasileva

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0849/04.04.2018

Performance list, acc. to EN 54-11:2001, EN 54-11:2001/A1:2005

Characteristics	Compliance	Clause
Nominal activation conditions / Sensitivity and Performance under fire conditions		
- Alarm condition	pass	4.3.2
- Indicators for alarm condition	pass	4.4
- Safety aspects	pass	4.7.1
- Protection against accidental operation	pass	4.7.4
- Operational performance test	pass	5.2
- Function test	pass	5.3
Operational reliability		
- Marking and data	pass	4.2
- Normal condition	pass	4.3.1
- Reset facility	pass	4.5
- Test facility	pass	4.6
- Shape, dimensions and colours	pass	4.7.2
- Symbols and lettering	pass	4.7.3
- Environment category	pass	4.7.5
- Additional requirements for software controlled manual call points	N/A	4.8
- Test facility test (operational)	pass	5.4
- Reliability test (endurance)	pass	5.5
Durability of operational reliability, temperature resistance		
- Dry heat (operational)	pass	5.7
- Dry heat (endurance)	N/A	5.8
- Cold (operational)	pass	5.9
Durability of operational reliability, vibration resistance		
- Shock (operational)	pass	5.14
- Impact (operational)	pass	5.15
- Vibration, sinusoidal (operational)	pass	5.16
- Vibration, sinusoidal (endurance)	pass	5.17
Durability of operational reliability, humidity resistance		
- Damp heat, cyclic (operational)	pass	5.10
- Damp heat, cyclic (endurance)	N/A	5.11
- Damp heat, steady state (endurance)	pass	5.12
- Enclosure protection	N/A	5.19
Durability of operational reliability, corrosion resistance		
- Damp heat, cyclic (endurance)	N/A	5.11
- Sulphur dioxide (SO ₂) corrosion (endurance)	pass	5.13
Durability of operational reliability, electrical stability		
- Variation of supply parameters	pass	5.6
- Electromagnetic compatibility (EMC), (operational)	N/A	5.18



Manager:

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