1922-CPR-1594

DECLARATION OF PERFORMANCE

In accordance with 305/2011/EU
Ref: BİLGİ-CPR-202424-45

Product Code: teknim TWB-1866

Product Name: Wireless Manual Call Point, Resettable

Manufacturer: Teknim Elektronik San. ve Tic. A.Ş.
Dudullu Organize Sanayi Bölgesi 1.Cadde İsmet Tarman İş Merkezi No:1 D:32 34776 Ümraniye - İstanbul / Türkiye

Intended Use: Fire Detection and Fire Alarm Systems Installed in Buildings

Systems of Assessment and Verification for Constancy of Performance: System 1

Harmonized Standards: EN 54-11:2001, EN 54-11:2001/A1:2005,
EN 54-25:2008, EN 54-25:2008/AC:2010,
EN 54-25:2008/AC:2012

Notified Body: DEDAL Attestation & Certification – NB No:1922

Essential characteristics	*Performance*	*EN 54-11:2001 +A1:2005*
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*	*Pass*	*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 (SO2) corrosion (endurance)*	*Pass*	*5.13*
Durability of operational reliability, electrical stability		
— *Variation of supply parameters*	*Pass*	*5.6*
— *Electromagnetic compatibility (EMC), (operational)*	*Pass*	*5.18*

Essential Characteristics	*Performance*	*EN 54-25:2008+ AC:2010+AC:2012*
Performance under fire conditions		
— *Radio frequency links*	*Pass*	*4.2*
— *Alarm signal integrity*	*Pass*	*4.2.2*
— *General*	*Pass*	*5.2*
— *Reproducibility test*	*Pass*	*8.3.7*
Response delay (response time to fire)		
— *Test for alarm signal integrity*	*Pass*	*8.2.3*
— *Test for mutual disturbance between systems of the same manufacturer*	*Pass*	*8.2.6*
Operational reliability		
— *Immunity to site attenuation*	*Fass*	*4.2.1*
— *Identification of the RF linked component*	*Pass*	*4.2.3*
— *Receiver performance*	*Pass*	*4.2.4*
— *Immunity to interference*	*Pass*	*4.2.5*
— *Loss of communication*	*Pass*	*4.2.6*
— *Antenna*	*Pass*	*4.2.7*
— *Power supply equipment*	*Pass*	*5.3*
— *Environmental related requirements*	*Pass*	*5.4*
— *Documentation*	*Pass*	*6*
— *Marking*	*Pass*	*7*
— *Test for immunity to site attenuation*	*Pass*	*8.2.2*
— *Test for identification af RF linked components*	*Pass*	*8.2.4*
— *Test for identification af RF linked components*	*Pass*	*8.2.5*
— *Test of compatibility with other band users*	*Pass*	*8.2.7*
— *Test for the detection of a loss of communication on a link*	*Pass*	*8.2.8*
— *Test of the antenna*	*Pass*	*8.2.9*
— *General*	*Pass*	*8.3.1*
— *Test schedule for components tests*	*Pass*	*8.3.2*
— *Verification of the service life of the autonomous power source (s)*	*Pass*	*8.3.3*
— *Test for the low power condition fault signal*	*Pass*	*8.3.4*
— *Test for the polarity reversal*	*Pass*	*8.3.5*
— *Repeatability test*	*Pass*	*8.3.6*
Durability of operational reliability and response delay, temperature resistance		
— *Dry heat (operational)*	*Pass*	*8.3.9*
— *Dry heat (endurance)*	*Pass*	*8.3.10*
— *Cold (operotional)*	*Pass*	*8.3.11*
Durability of operational reliability, vibration resistance		
— *Shock (operotional)*	*Pass*	*8.3.16*
— *Impact (operational)*	*Pass*	*8.3.17*
— *Vibration, sinusoidal (operational)*	*Pass*	*8.3.18*
— *Vibration, sinusoidal (endurance)*	*Pass*	*8.3.19*
Durability of operational reliability, humidity resistance		
— *Damp heat, cyclic (operational)*	*Pass*	*8.3.12*
— *Damp heat, steady wrote (operational)*	*Pass*	*8.3.13*
— *Damp heat, steady state (endurance)*	*Pass*	*8.3.14*
Durability of operational reliability, corrosion resistance		
— *SO2 corrosion (endurance)*	*Pass*	*8.3.15*
Durability of operational reliability, electrical stability		
— *Electromagnetic compatibility (EMC), immunity tests (operational)*	*Pass*	*8.3.20*

The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

İstanbul, 13.06.2024

Signed for and on behalf of the manufacturer by:

Saruhan Acar
Vice General Manager