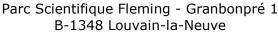


asbl **ANPI** vzw





# CERTIFICATE OF CONSTANCY OF PERFORMANCE 1134-CPR-077

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the products Construction Products Regulation or CPR), this certificate applies to the construction product

#### Fire detection control panel with power supply equipment Limotec MD2400

with the variants and the performances listed in annex of this certificate and for the intended use:

Fire safety

manufactured by or for

Limotec BV Bosstraat 21 8570 Vichte Belgium

and produced in the manufacturing plant

Limotec BV Bosstraat 21 8570 Vichte Belgium

This certificate attests that all provisions concerning the assessment and the verification of constancy performance and the performances described in Annex ZA of the standard(s):

EN 54-2:1997/A1:2006 EN 54-4:1997/A1:2002/A2:2006

under system 1 are applied and that

#### the products fulfil all prescribed requirements set out above.

This certificate was first issued on 2014-01-02 and remains valid as a long time as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Brussels, 18 juin 2021

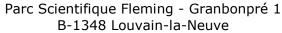
Manager Certification Manager

This certificate and the annexes may only be copied completely and without any alteration.

cert@anpi.be - www.anpi.be



asbl **ANPI** vzw





#### **Annex 1 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

#### 1134-CPR-077

Variants of the Limotec MD2400

Fire detection control panel with power supply equipment

Limotec MD2400 (4, 8 or 16 loop)

Components: RSP-320-36 (power supply)

T095072 (supply monitor)

Limotec MD2400L (3 loop)

Components: LPC-60-1750 (power supply)

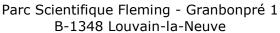
T095060 (supply monitor)

Brussels, 18 juin 2021





asbl **ANPI** vzw





#### **Annex 2 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

### 1134-CPR-077

Certified with the following options from the EN 54-2:1997/A1:2006

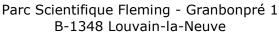
7.8	Output to fire alarm devices
7.11	Delays to outputs
8.3	Fault signals from points
8.4	Total loss of the power supply
10	Test conditions

Brussels, 18 juin 2021





asbl **ANPI** vzw





# Annex 3 to the CERTIFICATE CONSTANCY OF PERFORMANCE 1134-CPR-077

Harmonised technical specification	EN 54-2:1997/	N 54-2:1997/A1:2006	
Essential Characteristics	Performance	Clause	
Performance under fire conditions			
- General requirements	pass	4	
- General requirements for indications	pass	5	
- The fire alarm condition	pass	7	
Response delay (response time to fire)			
- Reception and processing of fire signals	pass	7.1	
- Output of the fire alarm condition	pass	7.7	
- Delay to outputs	pass	7.11	
- Dependencies on more than one alarm signal	NA	7.12	
Operational reliability			
- General requirements	pass	4	
- General requirements for indications	pass	5	
- The guiescent condition	pass	6	
- The fire alarm condition	pass	7	
- Fault warning condition	pass	8	
- Disabled condition	pass	9	
- Test condition	pass	10	
- Standardized input/output interface	NA	11	
- Design requirements	pass	12	
- Additional design requirements for software controlled control and	pass	13	
indicating equipments			
- Marking	pass	14	
Durability of operational reliability, temperature resistance			
- Cold (operational)	pass	15.4	
Durability of operational reliability, vibration resistance			
- Impact (operational)	pass	15.6	
- Vibration, sinusoidal (operational)	pass	15.7	
- Vibration, sinusoidal (endurance)	pass	15.15	
Durability of operational reliability, electrical stability			
- Electromagnetic compatibility (EMC), immunity tests (operational)	pass	15.8	
- Supply voltage variations	pass	15.13	
Durability of operational reliability, humidity resistance			
- Damp heat, steady state (operational)	pass	15.5	
- Damp heat, steady state (endurance)	pass	15.14	
Note: NPD theoretically possible; except for durability of characteristics		mance	

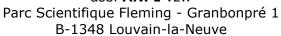
Note: NPD theoretically possible; except for durability of characteristics with declared performance NA (not applicable) for components to which the requirement does not apply The list of options with requirements is listed separately

Brussels, 18 juin 2021

Mark Medebus Certification Manager



asbl **ANPI** vzw





#### **Annex 4 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

## 1134-CPR-077

Harmonised technical specification EN 54		1-4:1997/A1:2002/A2:2006		
Essential Characteristics		Performance	Clause	
Performance of power supply				
- General requirements		pass	4	
- Functions		pass	5	
- Materials, design and manufacture		pass	6	
Operational reliability				
- General requirements		pass	4	
- Functions		pass	5	
- Materials, design and manufacture		pass	6	
- Documentation		pass	7	
- Marking		pass	8	
Durability of operational reliability, temperature resistance				
- Cold (operational)		pass	9.5	
Durability of operational reliability, vibration resistance				
- Impact (operational)		pass	9.7	
- Vibration, sinusoidal (operational)		pass	9.8	
- Vibration, sinusoidal (endurance)		pass	9.15	
Durability of operational reliability, electrical stability				
- Electromagnetic compatibility (EMC), immunity tests (operational	al)	pass	9.9	
Durability of operational reliability, humidity resistance				
- Damp heat, steady state (operational)		pass	9.6	
- Damp heat, steady state (endurance)		pass	9.14	
Note: NPD theoretically possible; except for durability of characteristics with declared performance NA (not applicable) for components to which the requirement does not apply				

Brussels, 18 juin 2021

