

### **Certificate of Product Approval**

Certificate Number: 991k Issue: 03



### **INIM ELECTRONICS S.R.L**

Via Dei Lavoratori 10 Frazione Centobuchi 63076 Monteprandone (AP) Italy

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### **Products**

**Control and Indicating Equipment**PREVIDIA216

(refer to Appendix for details)

#### **Standards**

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

EN 54-21:2006 EN 12094-1:2003

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for LPCB

Eman Mattie-Suleiman Verifier 20 December 2018

Date of Issue

25 November 2016

Date of First Issue

LPCB 2000



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# Appendix to Certificate No: 991k INIM ELECTRONICS S.R.L

Certified Product	Description	LPCB Ref.No.
PREVIDIA21 6	2 – 16 Loop Analogue Addressable Control and Indicating Equipment and Extinguishing Control Panel (e.c.d)	991k/01
	Incorporating the following modular units:	
	IFM24160 CAN power-supply module	
	IFM2L CAN module with 2 loops	
	IFMNET CAN module for Hornet network connection	
	IFM4R CAN module with 4 relays	
	IFM4IO CAN module with 4 I/O	
	IFMDIAL CAN dialler module	
	IFM16IO CAN module with 16 I/O	
	IFMLAN CAN LAN module	
	IFMEXT CAN extinguishant module	
	FPMCPU CPU module	
	FPMLED LED module	
	FPMLEDPRN LED module with printer	
	FPMEXT LED module for extinguishant module	
	Optional colour variant;	
	PREVIDIA216R Red Cabinet	
	Incorporating the following mechanical units:	
	FPMNUL Blind-plate module	
	PRCAB Spare cabinet	
	PRCABR Spare Cabinet RED	
	PRREP Metal box for FPMCPU assembly in REPEATER configuration	

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Certified Product	Description	LPCB Ref.No.
	PRCABSP SPACER For back cabinet	
	PRCABSPR SPACER For back cabinet Red Colour	
	Certified with the following options with requirements from EN 54-2:1997 + A1: 2002 + A2: 2006:	
	7.8 Output to fire alarm devices (option with requirements)	
	7.9.1 Output to fire alarm routing equipment (option with requirements)	
	7.9.2 Alarm confirmation input from fire alarm routing equipment (option with requirements)	
	7.10 Outputs to fire protection equipment (options with requirements)	
	7.10.1 Output type A (option with requirement)	
	7.10.2 Output type B (option with requirement)	
	7.10.3 Output type C (option with requirement)	
	7.10.4 Fault monitoring of fire protection equipment (option with requirement)	
	7.11 Delays to outputs (option with requirements)	
	7.12 Dependencies on more than one alarm signal (option with requirements)	
	7.12.1 Type A dependency (option with requirement)	
	7.12.2 Type B dependency (option with requirement)	
	7.12.3 Type C dependency (option with requirement)	
	7.13 Alarm Counter (option with requirements)	
	8.3 Fault signals from points (option with requirements)	
	8.9 Output to fault warning routing equipment(option with requirements)	
	9.5 Disablement of addressable point (option with requirements)	
	10 Test condition (option with requirements)	
	Certified with the following options with requirements from EN 12094-1:2003 4.17 Delay of extinguishing signal	

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Certified Product	Description	LPCB Ref.No.
	4.18 Signal representing the flow of extinguishing agent	
	4.19 Monitoring of the status of components	
	4.20 Emergency hold device	
	4.21 Control of flooding time	
	4.22 Initiation of secondary flooding	
	4.24 Triggering signals to equipment within the system	
	4.26 Triggering of equipment outside the system	
	4.27 Emergency abort device	
	4.28 Control of extended discharge	
	4.29 Release of the extinguishing media for selected flooding zones	
	4.30 Activation of alarm devices with different signals	
	Notes:	
	1. Scope of approval does not include the operation of the network functionality.	
	2. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
	3. The e.c.d is approved to EN12094-1 for more than 1 flooding zone when 2 FPMCPU modules are used.	
	4. The CIE is also approved when connected with FPMCPU as a CPU /Repeater module.	

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