

## Certificate of Constancy of performance

0051 – CPR – 0231

In compliance with Regulation 305/2011/EU 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

### CONTROL AND INDICATING EQUIPMENT WITH INTEGRATED POWER SUPPLY EQUIPMENT

Model: **SmartLoop1010/G**

Trademark: **INIM ELECTRONICS**

Other information: see **ANNEX**

Produced by:

**INIM ELECTRONICS S.r.l.**

Via Fosso Antico – Loc. Centobuchi I-63076 MONTEPRANDONE (AP)

In the manufacturing plant(s):

**PI.H000J**

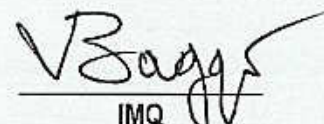
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

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

under system **1** are applied and that

**the product fulfills all the prescribed requirements set out above.**

This certificate cancels and replaces the certificate having the same number and issued on 2009-11-23 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



IMQ  
CPR Technical Director  
(Eng. V. Baggio)

Milano, 2014-09-22

This certificate was issued by IMQ S.p.A., a notified body according to Regulation 305/2011/EU.  
IMQ S.p.A. Identification Number is: 0051.

Mod. 727CPR-ENG/0

## ANNEX

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The equipment under test is a Control and Indicating equipment type SmartLoop1010/G, used in fire detection and fire alarm systems.

Configuration of Control and Indicating type SmartLoop1010/G:

It is contained in a metallic enclosure with grade IP30. Internally it is fitted with the following main parts:

- N. 1 Main board (PCB n. IN001-R1);
- N. 1 Display board type SmartLoop/LCD (Pcb n. IN002-R1);
- N. 1 Input/output board type SmartLoop/INOOUT (Pcb n. IN013-R1, optional);
- N. 1 RS485 board type SmartLoop/NET (Pcb n. IN004-R2, optional);
- N. 1 Switching power supply trademark inim ELECTRONICS, type IPS24160G (PCB n. IN137-R1), rated 230 V~ +10% / -15%; 50/60 Hz; 1.1 A, output: 27.6 V --- ; 5.2 A;
- N. 2 Allocable batteries, 12 V – 17 Ah

The Control and Indicating Equipment is also provided of the following external devices:

- LCD Repeater trademark INIM ELECTRONICS type SmartLetUSee/LCD (PCB n. IN002-Rev. 1) (optional, up to 8 maximum);
- LEDs Repeater type SmartLetUSee/LED (Pcb n. IN009 – Rev. 1) (optional, up to 8 maximum) to connect at the repeater type SmartLetUSee/LCD LCD.

Technical characteristic:

- Number of zones: 240;
- Number of detectors or manuals call point: 240 (on loop) + 192 (32 on each channel)
- hardware identification main board: Renesas, R5S61651FPV;
- firmware identification main board: FWINI0SLOPAA0I Ver. 2.0

List of optional functions with requirements:

- 7.8 Output to fire alarm device;
- 7.11 Delay to outputs;
- 7.12 Co-incident detection, type B and C;
- 8.3 Fault signals from points;
- 8.9 Output to fault warning routing equipment;
- 9.5 Disabling of addressable points;
- 10 Test condition.

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