

Certificate of Constancy of performance

0051 – CPR – 1418

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/S**

Trademark: **INIM ELECTRONICS**

Other information: see **ANNEX**

Feature

ALARM TRANSMISSION AND FAULT WARNING ROUTING EQUIPMENT (optional)

Model: **SmartLAN and/or SmartLoop/PSTN**

Trademark: **INIM ELECTRONICS**

Produced by:

INIM ELECTRONICS S.r.l.

Via Fosso Antico
63076 MONTEPRANDONE (AP)

In the manufacturing plant(s):

PI.H0000J

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
EN 54-21:2006

under system **1** are applied and that

the product fulfills all the prescribed requirements set out above.

This certificate cancels and replaces the certificate number 0051 – CPR – 0228 issued on 2014-09-22 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.

Milano, 2018-05-31

IMQ
CPR Technical Director
(Ing. V. Baggio)

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.

ANNEX

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Control and Indicating equipment type SmartLoop1010/S, used in fire detection and fire alarm systems.

Configuration:

Metal enclosure (dimensions 480x470x135 mm) with grade IP30. Internally it is fitted with the following main parts:

- N. 1 Main board (PCB n. IN001-R1);
- N. 1 Alarm transmission and fault warning routing equipment board type SmartLAN (PCB n. IN047-R0 – optional);
- N. 1 Alarm transmission and fault warning routing equipment board type SmartLoop/PSTN (PCB n. IN139-R0 – optional);
- N. 1 Input/output board type SmartLoop/INOUT (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);
- N. 2 Allocable batteries 12 V – 17 Ah

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

- LCD Repeater type SmartLetUSee/LCD (PCB n. IN002-R1 – mandatory 1, up to 8 max);
- LEDs Repeater type SmartLetUSee/LED (PCB n. IN009-R1 – optional, max 8 to connect at the repeater type SmartLetUSee/LCD).

Technical characteristic:

- Number of zones: 240;
- Number of detectors or manuals call point: 240 (on loop) + 192 (32 on each channel)
- Hardware identification (U12;IN001-R1): RENESAS – R5S61651FPV;
- Firmware identification: FWINI0SLOPAA01 V.2.01;
- Hardware identification (U5;IN147-R0): MICRON – MT48LC16M16A2P-6A;
- Firmware identification: FWIN00SLAN V.6.13;
- Hardware identification (U1;IN139-R0): RENESAS – R5F21258SNFP;
- Firmware identification: FW0000SLPSTN V.2.00.

List of optional functions with requirements:

- 7.8 Output to fire alarm device;
- 7.11 Delay to outputs;
- 7.12 Co-occurrence detection, Type B, C;
- 8.3 Fault signals from points;
- 9.5 Disabling of addressable points;
- 10 Test condition.