



TEST REPORT

LABEL
Laboratório de Ensaíos Eléctricos

Report nº: 19.10.432.094
Date: 2019-12-16
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TESTING/ELABORATION: Nuno Dias **JOB:** Laboratory Technician
VERIFICATION: João Luz Costa **JOB:** Technical Manager
TECHNICAL APPROVAL: João Luz Costa **JOB:** Technical Manager

STANDARD/SPECIFICATION:

This report is based in the following standards/specifications:

EN 60529: 1991 + A1: 2000 + A2: 2013

TYPE OF APPLIANCES: Sensor
MANUFACTURER: Ladsensors
TRADEMARK: Ladsensors
TYPE/MODEL: (Unknown) **SERIAL Nº / BATCH Nº:** ---/---
TESTS DEMANDED BY: J Ladeira – Soluções informáticas, Lda **DATE:** November 2019
CUSTOMER ADDRESS: Rua Baden Powell lote 58, 1ºB
2720-798 Amadora
Portugal

DATE OF RECEPTION OF SAMPLES: 2019-12-05

BEGIN OF TESTS: 2019-12-10

END OF TEST: 2019-12-13

REMARKS: Test proposal Nº PRP 1902216

The tests with the mark “#” are outside of the scope of the laboratory accreditation.

NOTES: The results of this report are only referred to the products submitted to the tests. This report can only be reproduced in its totality.

APPROVED:

ELABORATED:

VERIFIED:

IMPRESSO LEEQUE Nº 216_0-UK

Av. Prof. Dr. Cavaco Silva, nº. 33 - TagusPark - Talaíde - 2740-120 Porto Salvo - Portugal



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1. SCOPE

It was supplied to the Laboratory one sample of a portable sensor, trademark "Ladsensors", in order to assess the compliance of this product to the IP tests.

2. IDENTIFICATION

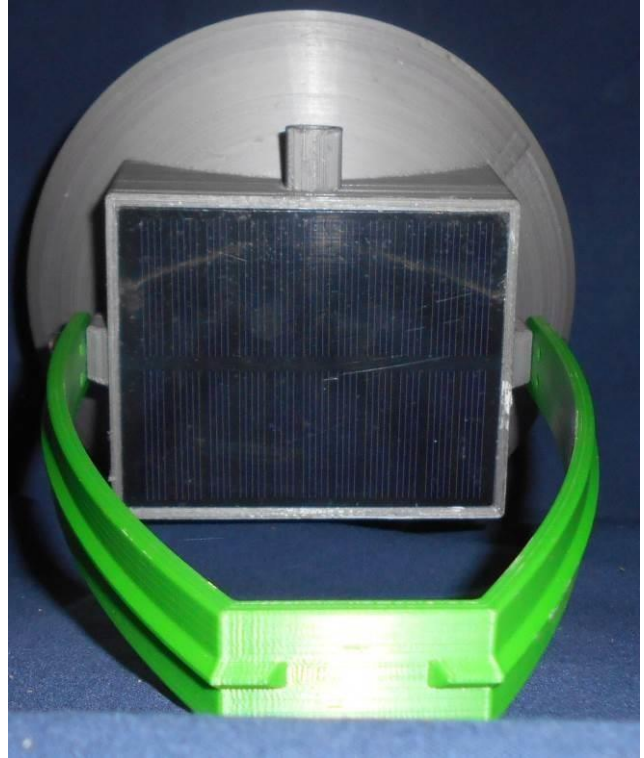
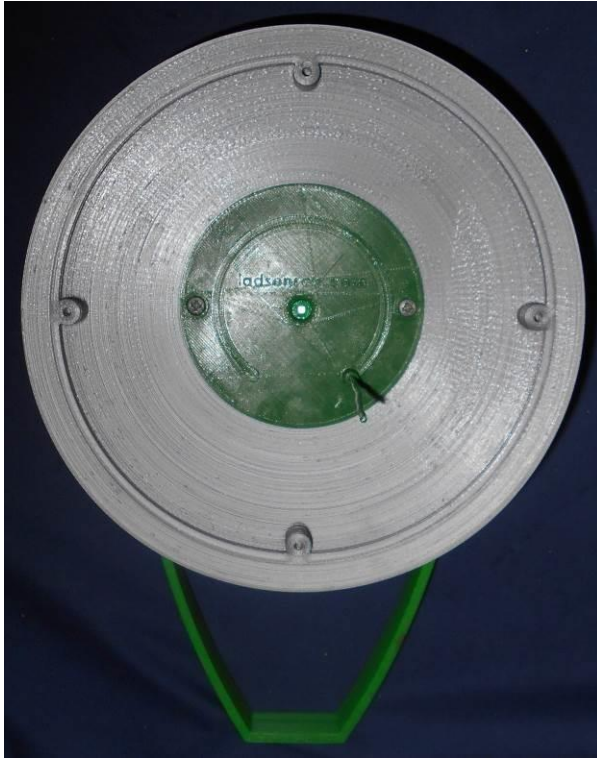




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3. TESTS DONE BY THE LABORATORY

Resistance to dust, solid objects and moisture IP65 (EN 60529);

4. CONCLUSION

The sample meets the requirements of IP65. See test results on clause 5 of this report.

5. TEST RESULTS

Resistance to dust, solid objects and moisture

13.4 Sample tested in a dust chamber
(first characteristic numeral of IP code – IP6X)
Test done with internal vacuum (category 1)
Pass

14.2.5 Sample protected against water jets
(second characteristic numeral of IP code – IPX5)
Pass, there is no trace of water inside the sample.

Test conditions:

- Sample subjected to a water jet from all positions by means of a nozzle;
- Water delivery: 12.5l/min \pm 5%;
- Test duration: 3 min.
- Distance: 3m



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