

TEST REPORT

Nº LRIC-IE24-99-2

DATE OF ISSUE: 25/11/2024
TESTING LABORATORY: Lightning Research Institute of Catalonia
APPLICANT'S NAME: Cirprotec, S.L.U.
C/ Lepanto, 49 · 08223 · Terrassa (Barcelona) · Spain

TEST SPECIFICATION

TEST: Immunity against disturbances
TEST METHODOLOGY: No standard

OBJECT UNDER TEST

TRADE MARK: SENSOCAR
MANUFACTURER: SENSOCAR, S.A.
C/ G minis 77· 08228 · Terrassa (Barcelona) · Spain.
MODEL: Compression Load cell + Measurement terminal (complete description see page 2)

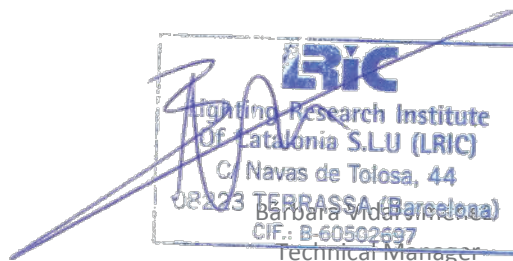
Tests results contained in this report refer exclusively to the objects under test. The tests have been performed to 1 new sample.

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CONCLUSIONS

The device has withstood the tests to which It has been submitted without showing damage, loss of functionality, or any type of perforation either in the voltage or current records. The maximum intensity during the test has been 100kA as declared by the manufacturer.


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This test report may be submitted using electronic signature in which case it is not required a handwritten signature.



SENSOCAR
We put the heart in weighing

STORM KEEPER™

Lightning Defense System

At Sensocar, we have developed the **STORM KEEPER™ Lightning Defense System**, an innovative protection solution against electrical surges that enhances our advanced CS and SP digital load cells. With this cutting-edge technology, your weighing equipment will remain protected even during the most intense storms, avoiding unexpected downtime and ensuring consistent performance.

Trust **STORM KEEPER™** to keep your operations running. Guaranteed safety and continuity, even under extreme conditions.



**ADVANCED
PROTECTION**



**COMPREHENSIVE
COVERAGE**



**NO EXTERNAL
DEVICES NEEDED**



**REDUCED
FAILURES**



**NO
INTERRUPTIONS**



**SYSTEM
OPTIMIZATION**

Why choose our digital load cells?



Advanced protection: Our CS and SP cells feature an integrated protection system that withstands surges of up to 100,000 amperes.



Comprehensive coverage: Protects all critical components: load cells, cables, terminals, and indicators.



No external devices needed: The protection is built directly into the cells, eliminating the need for additional accessories.

Key benefits



Reduced failures: Minimizes damage from electrical surges and avoids costly repairs.



No interruptions: Keeps your weighing equipment operational even after severe lightning storms.



System optimization: Enables the removal of intermediate junction boxes, reducing vulnerable points and improving overall equipment efficiency.

STORM KEEPER™ Lightning Defense System: Certified Assurance

Our **STORM KEEPER™** system has been rigorously tested by the Lightning Research Institute of Catalonia, certifying its ability to withstand high-intensity electrical surges without impacting functionality.