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LEM Group Product Environmental Profile *IN 1000*

This document is based on **ISO 14021 Type II** for general principles of environmental statements

Quality & Environment Commitment of LEM

When designing high performance products, LEM is committed to respect the environment and the principles of sustainable development.

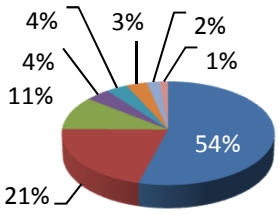
This approach consists in designing products with the least possible environmental impact on:

- *human health and safety,*
- *natural resources: consumption of raw materials and energy,*
- *ecosystem conservation: pollution of water, ground and air,*
- *climate change.*

New product generation improvements

- Compatible with previous generation of transducers regarding outline dimensions, footprint and connections.
- Improved Primary Busbar acceptance (inner hole diameter bigger).
- Evolutive product thanks to Embedded software.
- Higher global mass than for previous product, but globally improved performance level : higher operating temperature range, higher current, better accuracy and better EMC immunity, lower peak-to-peak noise.

Raw material



- ZAMAK
- Copper
- Nickel-Iron
- Molding resin
- Plastic
- Miscellaneous
- Aluminum
- FR4

Details of raw material analysis available upon request

Packaging

Recycling rate 100%

Improved ESD packaging : 2x trays in Cardboard box.

Only 2 products per carton due to small quantities ordered

End-of-life

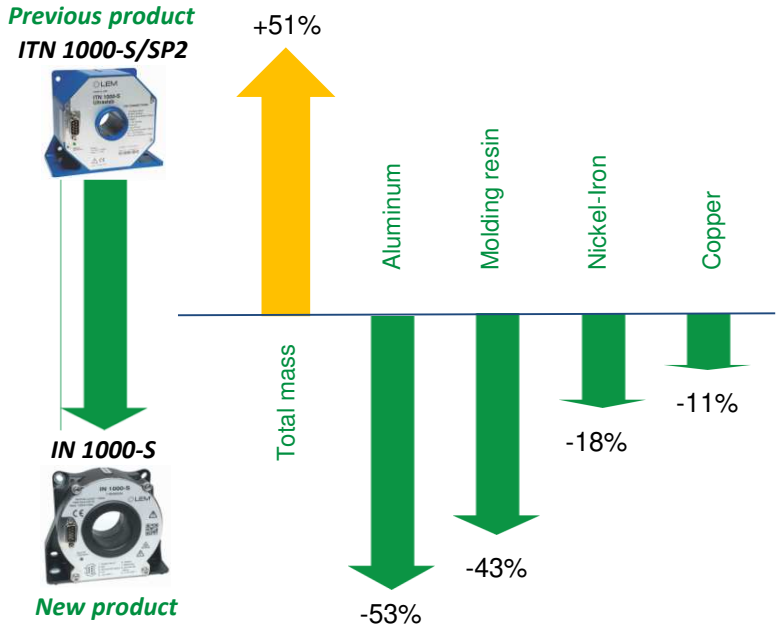
Recyclability rate: 90%

Recoverability rate: 100%

Dismantling, ground, re-use of raw material

Acc. ISO 22628:2002

Improvement achieved by comparison with the previous design



LEM statement

In accordance with its global quality strategy and commitment, LEM is engaging in an environmental policy to contribute to preserve the environment, to protect the human health and to use the natural resources in a rational way. Since 2003, LEM has been compliant with the ISO 14001 norm.

LEM Statement regarding the directives:
2011/65/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS2).

Regulation (EC) N°1907/2006 The European Regulation for Registration, Evaluation, Authorisation and Restriction of Chemicals. It entered into force on June, 1st 2007 to streamline and improve the former legislative framework on chemicals of the European Union (EU). REACH places greater responsibility on industry to manage the risks that chemicals may pose to the health and to the environment.