Life Energy Motion

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LEM Group Product Environmental Profile IN 200

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.

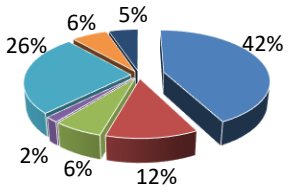
This approach consists in designing products with the least possible environmental impact on:

- *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

- Keep secondary connections as previous generation
- 100% compatible with previous generations of transducers in performance and footprint
- Environmental friendly packaging, easily recycled or reused

Raw material



- Aluminium
- Copper
- Electronic device
- Glass fiber with epoxy resin
- Iron
- plastic
- Potting

Packaging

Recycling rate 100%

Minimum quantity in a package: 6 products

Cardboard packaging instead of individual polystyrene

End-of-life

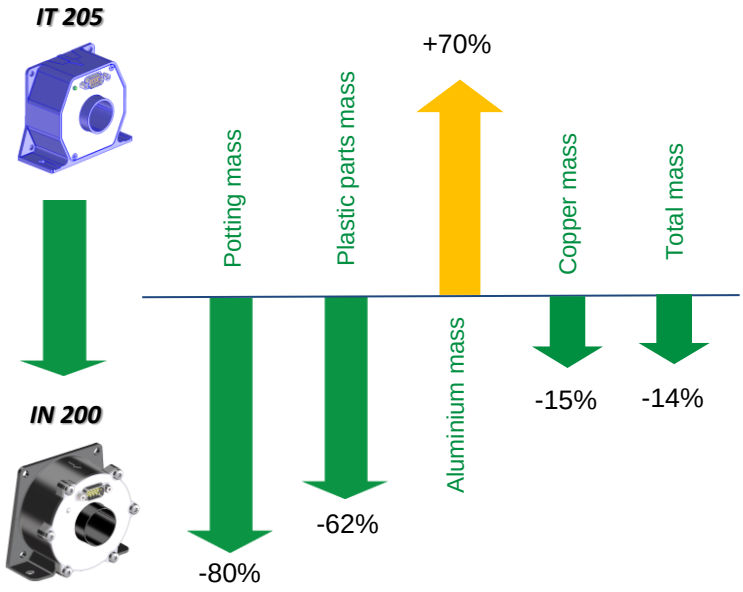
Recyclability rate: 91%

Recoverability rate: 100%

Dismantling, reuse 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. From 2003 LEM has been compliant with the ISO 14001 norm. Product series above are compliant with latest requirements of RoHS and REACH regulation.

Directive **2011/65/EU on** Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS 2) has been amended by the Commission Delegated Directive **2015/863** (**RoHS 3)**, adding four phthalates *(DEHP, BBP, DBP and DIBP)* to the list of six restricted substances (*Lead, Mercury, Hexavalent Chromium, PBB, PBDE and Cadmium).*

REACH Regulation EC N°1907/2006 for Registration, Evaluation, Authorisation and Restriction of Chemicals aims to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. REACH places greater responsibility on industry to manage the risks from chemicals and to provide safety information on the substances through the supply chain.