

# ENVIRONMENTAL DATASHEET

Smoke detectors - Replaceable batteries 5 years

Nexelec



## Product references concerned

X855LS	GUARD
X865LS	GUARD+

## MAXIMIZING PRODUCT LIFESPAN

The detectors are based on a low-consumption electrical architecture, extending battery life by up to 5 years, to reduce the need for batteries. Batteries are replaceable to extend product life.

Detectors feature a radio module with a PCB antenna optimized to preserve battery life.

## MAINLY RECYCLABLE PRODUCTS

Our products are eco-designed, and qualify for the «mostly recyclable» label issued by ECOLOGIC. The various components making up the product are more durable. Product sorting and recycling are facilitated at the sorting center.

## INCREASING THE USE OF RECYCLED MATERIALS

Packaging waste is recycled. Transport cartons are reused as much as possible in collaboration with our suppliers. Packaging options are optimized according to customer preferences.

Reference packaging is in recyclable cardboard. Recyclable plastic bags are used for ECO detectors, to reduce transport volumes and reduce waste at customer sites.

GOAL: 100% recycled and recyclable cardboard packaging by 2027.

## REPAIRING, REPROCESSING

The detectors are designed to be repairable and reusable. 70% of product returns are repaired. Components are reused or sorted for recycling.

GOAL: 100% of faulty products repaired by 2026.

A collection and return service for used detectors is offered to customers. Products are forwarded to the logistician for collection and reprocessing of electrical and electronic equipment by ECOLOGIC.

GOAL: 70.000 products reprocessed by 2025.

## FACILITATE RECYCLING

Printed documentation is kept to an absolute minimum. Only the mandatory user manuals are printed and delivered with each detector. All documentation is available online, to reduce the use of paper.

Mandatory information is laser-marked on the detectors' plastic casings, to reduce consumables and waste.

On the detectors' packaging, plastic labels are disruptive to sorting. Most have been replaced by a QR Code printed on a recyclable cardboard case.

GOAL: 9 cm<sup>2</sup> of label surface per package by 2024.