

ENVIRONMENTAL DATASHEET

Smoke, CO, heat detectors - Sealed batteries 10 years

Nexelec



Product references concerned

X730FW	INSAFE	X335CM	SECURE
X760FW	INSAFE+	X345CM	SECURE+
X860LS	ORIGIN	X845LS	AIR
X870LS	ORIGIN+	X850LS	AIR+
X820LT	HEAT+		
X830LS	WARM		

MAXIMIZING PRODUCT LIFESPAN

Nexelec detectors are based on a low-consumption electrical architecture, extending battery life by up to 10 years, to reduce the need for batteries.

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

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 Most have been replaced by a QR Code printed on a recyclable cardboard case.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 cm² of label surface per package by 2024.