PRODUCT SAFETY DATASHEET
Infrared (IR) Gas Sensors

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  - A breakdown of the material content of all product types covered by this Product Safety Data Sheet

Overview

Infrared gas sensors are generally safe when handled and used according to the guidelines included in this data sheet, and require no special handling or processing for safe disposal or environmental protection.

Inherent Hazards

Infrared gas sensors are sufficiently robust to withstand normal handling. The IR600 series heads each weigh approximately 450g and present a hazard. If dropped, follow all normal procedures for the handling of heavy objects, including use of tools and/or personal protective equipment.

Transportation Hazards

There are no special transportation requirements.

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Operational Hazards

There are no additional hazards arising when sensors are operational.

Decommissioning

There are no additional hazards associated with decommissioning.

Disposal

There are no hazardous materials in sufficient quantities to require special treatment from an environmental protection aspect.

Products that are compliant with the RoHS directive, 2002/95/EC, will be marked with the symbol shown on the left. This marking may appear on the product packaging and may be in black and white.

Material Data

The following table of material data provides information to enable disposal in accordance with environmental regulations.

Product Type	Mass (g)	Approximate Composition (%)												
		Stainless Steel	Lithium Tantalate	Tungsten	Glass	Solder	Glass Fibre PCB	Brass	Gold	Conformal Coating	Epoxy	PVC	Copper	Total Other Materials
IR1xxx, IR2xxx, IR3xxx, IR4xxx, IR8xxx, IRx1xx, IRx2xx, IRx3xx, IRx4xx, IRx5xx, IRxxBx, IRxxCx, IRxxDx, IRxxSx, IRxxxB IRxxxC, IRxxxD, IRxxxE, IRxxTG, IRxxTT	20	90	<1	<1	<1	<1	2	3	<1	<1	3	0	0	<1
IR6xx series	450	90	<1	<1	<1	<1	1	0	<1	<1	3	2	3	<1

In the event of encountering difficulties in disposing of these products, contact SGX Sensortech (IS) Ltd for advice.

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