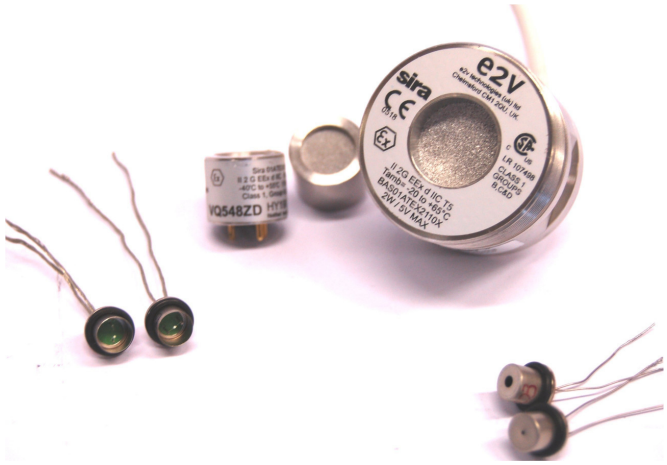
PRODUCT SAFETY DATASHEET
VQ Series Catalytic and Thermal Conductivity Gas Sensors



Overview

Catalytic and Thermal Conductivity 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

When fitting the VQ series (not VQ500/600) component sensors into PCBs and soldering into position, care must be taken in cropping the leads, which have sharp ends and can fly up into your eyes.

Follow all normal procedures for the cropping of sharp objects, including use of tools and/or personal protective equipment.

The VQ600 series heads each weigh approximately 450 g and represent a drop hazard. Follow all normal procedures for the handling of heavy objects, including use of tools and/or personal protective equipment.

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VQ Series Catalytic and Thermal Conductivity Gas Sensors

Transportation Hazards

None

Operational Hazards

There are no additional hazards that occur during operation of this device.

Decommissioning

There are no additional hazards associated with the decommissioning of this device.

Disposal

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

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.

Sensor Type	Mass (g)	Approximate Composition (%)														
		Stainless Steel	Mild steel	Platinum	Glass filled Nylon	Glass	Glass Fibre PCB	PVC	Polypropylene	Tungsten	Thorium Nitrate	Solder	Viton Rubber	Copper	Epoxy	Brass	Total Other Materials
All VQ Devices*, except VQ101, VQ101HT, VQ500 & VQ600	2.7	0	60	<<1	0	20	0	0	0	0	<<1	<<1	17	0	0	0	3
VQ101, VQ101HT	2.7	0	60	<<1		20	0	0	0	<1	0	<<1	17	0	0	0	3
VQ500 series	20	90	<<1	<<1	1	<<1	1	0	0	0	<<1	<<1	0	<<1	5	<1	3
VQ600 series	460	85	<<1	<<1	0	<<1	1	2	4	0	<<1	<<1	0	2	3	0	3

**** VQ1 series, VQ2 series, VQ3 series VQ4, VQ5 series, VQ6 series, VQ8, VQ9, VQ10 series, VQ11, VQ21 series, VQ22 series, Q23 series, VQ24 series, VQ25, VQ27 series, VQ28, VQ29, VQ31 series, VQ32 series, VQ42 series, VQ44RB, VQ48Z, Q48ZW, VQ49Z, VQ49ZW, VQ61, VQ62***

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

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