



## Environmental Product Declaration

<b>Product</b>	Type of equipment /	A6E60200801	PMC1104-03
	Product No.	A6E60200802	PMC3102-01
		A6E60200803	GMC1103-02
<b>Product</b>	Type of equipment /	Aviation Smoke Detector	
	Product No.	A6E60200801	
	Designation	PM1104-03	
		PM3102-01	
	Product line	MCR_Upgrade	
<b>Process control</b>	SIEMENS SAS		
	617 Rue Fourny 78530 Buc / France		
	Management System	since	by
	ISO 9001 (Quality)	11.09.1997	BVQI
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	4kWh/a	
		Maximum value in nominal mode	
	Maintenance	Optical chamber contamination	
<b>Risk of fire</b>	Fire protection according to	ABD0031 (Aeronautic)	
	Fire load		
<b>Packaging</b>	20-PAP Corrugated fiber board	Main Package	109g
	HDPE, Bentonite	Desiccant Bag	46g
	4-LDPE	Plastic Bag + Document holder	10g
	22-PAP paper	Labels	4g
	4-LDPE	Closures	variant

	Notes on disposal	recyclable	
<b>Materials</b>	Total weight of device		variant *) see below
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PEI (Polyetherimide)	Cover	variant
	PEI (Polyetherimide)	Flange	variant
	ABS	Labyrinth support PMC11	variant
	ABS	Labyrinth	19g
	PEI (Polyetherimide); MAPELEC BN-1	Shell inf	variant
	PEI (Polyetherimide); MAPELEC BN-1	Shell sup	variant
	PEI (Polyetherimide)	Labyrinth support GMC11	variant
Metals	Al alloy; SurTec 650	Machined base	variant
	Al alloy; SurTec 650	Fixation connector	variant
	Steel stainless	Spacer	variant
	Steel stainless	Accessories	variant
	Steel stainless	Net labyrinth	variant
	Steel stainless/Elastomere/Or plating nickel	Connector	variant
	Steel stainless	Net sensor	variant
Others	PTFE filter/PC lexan/Steel satinless/wire/PA6	Humidity sensor	variant
	Teflon	Jumper	2g
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	CE CP6490	23g
	FR4; solder SnAgCu	CE CC6250	variant
	FR4; solder SnAgCu	CE CA6320	36g
	FR4; solder SnAgCu	CE CC6240	variant





**Disposal**

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste.  
Observe all local and applicable laws.

---

**Comments****EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

(Status according to the creation date of this document.)

The device is halogen-free with exception of:  
PCB (TBBA); Humidity sensor; Jumper

**Environmental benefits**

Serves for the early detection of fires.  
Low energy consumption.

**Legal Disclaimer: This declaration is for information purpose only.**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

SIEMENS SAS therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

10.02.2017