



Environmental Product Declaration

Product

Type of equipment / Product No.	A6E60200801	PMC1104-03
	A6E60200802	PMC3102-01
	A6E60200803	GMC1103-02

Product

Type of equipment / Product No.	Aviation Smoke Detector : A6E60200801, A6E60200802 and A6E60200803
Designation	PMC1104-03, PMC3102-01 and GMC1103-02
Product line, product range	MCR_Upgrade

Process control

SIEMENS SAS			
617 Rue Fourny 78530 Buc / France			
Management System	since	by	
ISO 9001 (Quality)	11.09.1997	BVQI	

Environmentally compatible product design

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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	4kWh/a
	Maximum value in nominal mode
Maintenance	Optical chamber contamination

Risk of fire

Fire protection according to Fire load	ABD0031 (Aeronautic)
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Packaging

20-PAP Corrugated fiber board	Main Package	109g
Bentonite	Desiccant Bag	46g
4-LDPE	Plastic Bag + Document holder	10g
22-PAP paper	Labels	4g
4-LDPE	Closures	variant

	Notes on disposal	recyclable	
Materials	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	ULTEM 2200	Cover	variant
	ULTEM 2200	Flange	variant
	ABS	Labyrinth support PMC11	variant
	ABS	Labyrinth	19g
	ULTEM 2200; MAPELEC BN-1	Shell inf	variant
	ULTEM 2200; MAPELEC BN-1	Shell sup	variant
	ABS	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	Net sensor	variant
Others	Steel stainless/Elastomere/Or plating nickel	Connector	variant
	PTFE filter/PC Ilexan/Steel stainless/wire/PA6	Humidity sensor	variant
	Teflon/copper	Jumper	2g
	Acrylate resins	Varnish PETERS SL1307/203	3g

PCBAs (Printed Circuit Board assembled)	FR4; halogen-free; solder SnPb	PCBA CP6490	23g
	FR4; halogen-free; solder SnPb	PCBA CC6250	variant
	FR4; halogen-free; solder SnPb	PCBA CA6320	36g
	FR4; halogen-free; solder SnPb	PCBA CC6240	variant

Special components
(part of the assembled PCB)

***Variant parts list**

	A6E60200801	A6E60200802	A6E60200803									
[g]												
Total weight of device	304	304	286									
Cover	71	71										
Flange	7	7										
Labyrinth support PMC11	21	21										
Labyrinth	19	19	19									
Shell inf			66									
Shell sup			71									
Labyrinth support GMC11			18									
Machined base	57	57										
Fixation connector	2	2										
Spacer	15	15	7									
Accessories	7	7	7									
Net labyrinth	4	4										
Net sensor	1	1										

