



Environmental Product Declaration

Product	Device type	QPM21..	
	Designation	Duct Air Quality Sensors	
	Product range	Symaro™	
Process control	Siemens Switzerland Ltd Industry Sector Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	20.10.1998	SQS
	ISO 9001 (quality)	22.07.1986	SQS
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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption per year	< 18 kWh/a	
	Maintenance	None	
Environmental risk (fire)	Fire protection as per	EN 60730	
	Fire load	Approx. 4 MJ	
	Parts containing halogens (result in corrosive smoke)	Circuit board with components	
Packaging	20-PAP corrugated fibreboard 22-PAP paper	Folded box incl. label	54 g
	4-LDPE	Bag for accessories	4 g
	Notes on disposal	One way, recyclable	
RoHS	The devices are free from substances banned by the Directive 2002/95/EC (RoHS): Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials Cd: < 0.01 % by weight in homogeneous materials The devices are halogen free except the PCBs		

Materials		Total weight of device	Chart *
Plastics	PC FR	Housing, socket and partition wall	94 g
	PBT FR	Immersion rod, complete	Chart *
	Epoxy resin	Sealing compound	Chart *
	PA6 / PA6 GF30	Mounting flange / cable entry gland	19 g
	NBR rubber	O-ring gasket	1 g
	PET	Washer	1 g
Metals	Steel zinc-plated	5 screws	5 g
Miscellaneous	PBT / CuSn zinc-plated	Connector measuring tip plug connector	Chart * 2 g
	PA66 Cu steel	Terminal strip with clip, screws	Chart *
Circuit boards with components	FR4, TBBA, SnAgCu solder	Printed circuit board base	19 g
	FR4, TBBA, SnAgCu solder	Printed circuit board gas module	15 g
	FR4, TBBA, SnAgCu solder	Printed circuit board cover module	14 g
	FR4, TBBA, SnAgCu solder	Printed circuit board measuring tip	Chart *
	FR4, TBBA, SnAgCu solder	Printed circuit board VOC module	Chart *

* Variant part list

	Total weight	Immersion rod	Sealing compound	Connector measuring tip	Terminal strip complete	PCB Measuring tip	PCB VOC module	LCD module
QPM2100	191 g				7 g			
QPM2102	195 g				8 g		3 g	
QPM2160	202 g	3 g	1 g	4 g	8 g	2 g		
QPM2162	200 g	3 g	1 g	4 g	6 g	2 g		
QPM2102D	208 g				8 g		3 g	13 g
QPM2160D	216 g	3 g	1 g	4 g	8 g	2 g		13 g
QPM2162D	213 g	3 g	1 g	4 g	6 g	2 g		13 g

The total weight of a device may deviate from the total of the weights of all its individual components due to rounding.

Disposal

Do not dispose of the devices as part of unsorted municipal waste.

This particularly applies to electronic circuit boards.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws.

Notes

Materials: All sensors are delivered with the following accessories kits:
Adaptor (5g, PA66 GF30) & hexagon nut (1g, PA6) in bag (PE)

Legal disclaimer: This declaration is for information purposes 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 Switzerland Ltd. 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.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.