



Environmental Product Declaration

Product	Type of equipment / Product No.	QPM11xx and QPM21xx	
	Designation	Duct Air Quality Sensor	
	Product line	Symaro	
Process control	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 9001 (Quality)	22.07.1986	SQS
	ISO 14001 (Environment)	20.10.1998	SQS
	OHSAS 18001 (OH&S)	01.01.2011	SQS
Product use	Typical energy consumption	variant *) see below	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fiber board	Folded Box	51g
	22-PAP paper	incl. Label	
	4-LDPE	Bag for accessories	4g
	22-PAP paper	Mounting instruction	4g
	Notes on disposal	One-way, 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	PC; halogen-free	Housing, socket and partition wall	variant
	PBT; halogen-free	Immersion rod, complete	variant
	Epoxy resin; halogen-free	Sealing compound	variant
	PA6; GF 0%; halogen-free	Mounting flange / cable entry gland	25g
	NBR; halogen-free	O-ring gasket	1g
	PET; halogen-free	Washer	1g
Metals	Steel; zinc plated	5 screws	5g
	Steel; zinc plated	4 screws	variant
Others	PBT / CuSn zinc-plated	Connector measuring tip	variant
	PBT / CuSn zinc-plated	Plug connector	2g
	PA66 Cu steel	Terminal strip with clip, screws	variant
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB base	19g
	FR4; TBBA; solder SnAgCu	PCB gas module	variant
	FR4; TBBA; solder SnAgCu	PCB cover module	14g

FR4; TBBA; solder SnAgCu	PCB measuring tip	variant
FR4; TBBA; solder SnAgCu	PCB VOC module	variant
FR4; TBBA; solder SnAgCu	PCB LCD module	variant

***Variant parts list**

	QPM1100	QPM1104	QPM1164	QPM2100	QPM2102	QPM2102D	QPM2160	QPM2160D	QPM2162	QPM2162D	QPM2180	
Total weight of device [g]	170	182	193	182	186	210	193	217	191	215	193	
Housing, socket and partition wall	93	93	93	93	93	99	93	99	93	99	93	
Immersion rod, complete			3				3	3	3	3	3	
Sealing compound			1				1	1	1	1	1	
4 screws						4		5		5		
Connector measuring tip			4				4	4	4	4	4	
Terminal strip with clip, screws	7	7	8	7	8	8	8	8	6	6	8	
PCB gas module		15	15	15	15	15	15	15	15	15	15	
PCB measuring tip			2				2	2	2	2	2	
PCB VOC module	3				3	3						
PCB LCD module						14		14		14		
Fire load [MJ]	5	5	6	5	5	6	6	6	5	6	6	

Typical energy consumption

[kWh/a]	8	5	5	5	9	9	5	5	5	5	5	
---------	---	---	---	---	---	---	---	---	---	---	---	--

Disposal

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. 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)

Further notes and comments:

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 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 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.

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