



Environmental Product Declaration

Product	Device type	QFM21..	
	Designation	Duct sensors for humidity and temperature	
	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	< 8 kWh/a	
	Maintenance	None	
Environmental risk (fire)	Fire protection as per	EN 60 730	
	Fire load	< 3 MJ	
Packaging	20-PAP corrugated fibreboard	Folded box	53 g
	4-LDPE polyethylene	Bag for accessories kit	< 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 devices	Chart *
Plastics	PC	Housing and immersion rod	64 g
	PBT/PE (QFM2160: PBT/PTFE)	Filter and filter cap	4 g
Circuit boards with components	FR4 TBBA solder SnAgCu	Printed circuit board base	Chart *
		Printed circuit board measuring tip	2 g
PCB connector	PBT CuSn	(Without QFM2100 and QFM2101)	4 g
Terminal strips	PA66 Cu nickel-plated		Chart *

* Variant part list

	QFM2100	QFM2101	QFM2110 QFM2120 QFM2140	QFM2160	QFM2160U	QFM2171
Total weight	117 g	113 g	120 g	118 g	112 g	122 g
Circuit board	19 g	16 g	16 g	21 g	21 g	19 g
Terminal strips	7 g	6 g	10 g	10 g	10 g	9 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:
Cable entry gland (8 g, PA6 / PA6 GF30) (without QFM2160U)
Strain relief with screws (3 g, steel stainless) (without QFM2160)
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.
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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.