



Environmental Product Declaration

Product	Type of equipment / Product No.	QFM2100	Feuchtefühler Kanal 0-10V
		QFM2160	Feuchte-/Temp.-Fühler Kanal 0-10V
		QFM2160U	Feuchte-/Temp.-Fühler Kanal 0-10 V
		QFM3160	Feuchte-/Temp.-Fühler Kanal 0-10V / HQ
		QFM3100	Feuchtefühler Kanal 0-10V / HQ
		QFM3160D	Kanal H/T sensor/ 0-10V/ Display
		QFM2120	Feuchte-/Temp.-Fühler Kanal 0-10V/LG-Ni
	Product line, product range Sensor		
Process control	Beijing Siemens Cerberus Electronics Ltd.		
	No.1 Fengzhi Dong Lu, Xi Bei Wang, Haidian District		
	100094, Beijing, China		
	Management System	since	by
	ISO 9001 (Quality)	06.01.2001	LPCB
ISO 14001 (Environment)	05.07.2005	SGS	
OHSAS 18001 (OH&S)	12.12.2011	SGS	
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	5kWh/a	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fibreboard	Folded Box	69g
	4-LDPE Low density polyethylene	Bag for accessories	variant
	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: base and cover	51g
	PBT; halogen-free	Immersion rod	variant
	PBT; halogen-free	socket and partition wall	
	Epoxy resin; halogen-free	Sealing compound	variant
	PA6; halogen-free	Mounting flange / cable entry gland	variant
	NBR; halogen-free	O-ring gasket	variant
	PET; halogenated	Washer	1g
Metals	Steel zinc-plated	Screws	variant

Building Parts

Others	PBT / CuSn zinc-plated	Connector measuring tip	variant
	PBT / CuSn zinc-plated	Plug connector	9g
	PA66 Cu steel	Terminal strip with clip, screws	variant
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	PCB base	24g
	FR4; solder SnAgCu	PCB gas module	
	FR4	PCB cover module	
	FR4	PCB measuring tip	3g
	FR4	PCB VOC module	
	FR4	PCB LCD module	variant

***Variant parts list**

	[g]	QFM2100	QFM2160	QFM2160U	QFM3160	QFM3100	QFM3160D	QFM2120					
Total weight of device		139	131	127	154	154	168	139					
Immersion rod		14	14	14	21	21	21	14					
Sealing compound					1	1	1						
Mounting flange / cable entry gland		25	18	14	25	25	25	25					
O-ring gasket					1	1	1						
Screws		1	1	1	5	5	5	1					
Connector measuring tip		4	4	4	6	6	6	4					
Terminal strip with clip, screws		8	6	6	8	8	8	8					
PCB LCD module							14						
Fire load	[MJ]	4	4	4	5	5	5	4					
Packaging													
Bag for accessories		4	3	3	4	4	4	4					

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. 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, including the 4 phthalates added to Annex II in 2015.

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

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.
 Beijing Siemens Cerberus Electronics 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.