



Environmental Product Declaration

Product	Type of equipment / Product No.	WFM681-G000H0	Qheat5 wireless set heatmeter (0,6m³/h 110mm)
		WFM682-G000H0	Qheat5 wireless set heatmeter (1,5m³/h 110mm)
		WFM683-L000H0	Qheat5 wireless set heatmeter (2,5m³/h 130mm)
		WFM681-G000H0	Qheat5 wireless set heat/cold meter (0,6m³/h 110mm)
		WFM682-G000H0	Qheat5 wireless set heat/cold meter (1,5m³/h 110mm)
		WFM683-L000H0	Qheat5 wireless set heat/cold meter (2,5m³/h 130mm)
Product line, product range Qheat5 wireless set			
Process control	QUNDIS GmbH Sonnentor 2 99098 Erfurt		
	Management System	since	by
	ISO 9001 (Quality)	13.03.1995	GUTcert GmbH
	ISO 14001 (Environment)	18.02.2003	GUTcert GmbH
	EMAS (Environment)	26.10.2015	GUTcert GmbH
Product use	Typical energy consumption	8kWh/a during 6 years lifetime (770mWh/a)	
	Maintenance	Not necessary, no battery change intended LCD/LED Display, battery blink	
Risk of fire	Fire protection according to Fire load	EN609050; IEC 62368-1, IEC 60065, IEC 60950-1+A1+A2 6MJ	
Packaging	22-PAP paper	installation instruction	33g
	20-PAP Corrugated fiber board	packaging Qheat5 (Q)	101g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	610 ... 760g	
The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	Noryl; halogen-free	plate	17g
	ABS+PC; halogen-free	housing compact	38g
	ABS+PC; halogen-free	housing cover	26g
	HTV-Siliconelastomer; halogen-free	button	4g
	ABS+PC; halogen-free	cap Q	4g
	PP; halogen-free	impeller	3g
	ABS+PC; halogen-free	LCD-frame	4g
	ABS+PC; halogen-free	plombe	2g
	PET; halogen-free	installation protection	4g
	ABS+PC; halogen-free	cover-module	9g
	ABS+PC; halogen-free	housing-module	16g

Metals	CuZn; no coating	haousing xx ITF xx WMZ5	variant
	CuZn; no coating	socket tepmeratur sensor	5g
	CuZn; no coating	TF-Screw-half-shell	20g
	CuZn; no coating	plate 6,1x8,8x0,5	3g
Others	Stahl >5% legiert; galvanizied	screw	1g
	Li-MnO2 (CR AA)	1st battery / accumulator	22g
	Li-MnO2 (2/3CR AA)	1st battery / accumulator	16g
	glas	LCD Qheat5	8g
	Cu + PVC	temperature sensor cold 5x45x800	20g
	Cu + PVC	temperature sensor hot 5x45x800	35g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB Qheat5	33g
	FR4; TBBA; solder SnAgCu	PCB Qmodule5.5 heat	7g

***Variant parts list**

	WFN681-G000HO	WFN682-G000HO	WFN683-L000HO	WFN681-G000HO	WFN682-G000HO	WFN683-L000HO						
[g]	378	314	464	378	314	464						

haousing xx ITF xx WMZ5

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.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following 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. 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), CAS-Nr. CAS-Nr. 110-71-4

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

The device is halogen-free with exception of:

PCB (TBBA); cable tempertur sensors; cable for data transmission ; battery / accumulator

Environmental benefits

The heat meter is used for measuring heat energy. The combined measurement of heat and cold energy is possible. The main areas of application are in central heating systems where the heating energy is outputted individually to different consumers.

Q modules are separate add-on modules and impulse adapters with which you can extend the performance capabilities of our measuring devices. They

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.
QUNDIS GmbH 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.