



Environmental Product Declaration

Product	Type of equipment / Product No.	WFx5xx-(A-D)xxxxxx	screwed connection 80mm	
		WFx5xx-(E-H)xxxxxx	screwed connection 110mm	
		WFx5xx-(J-M)xxxxxx	screwed connection 130mm	
		WMx5xx-(Q-R)xxxxxx	capsule meter 2"	
	Product line	Metering		
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 Zug			
	Management System	since	by	
	ISO 9001	22.07.1986	SQS	
	ISO 14001	20.10.1998	SQS	
	OHSAS 18001	01.01.2011	SQS	
		during 6 years lifetime (770 mWh/a)		
	Maintenance	Not necessary, no battery change intended LCD/LED Display, battery blink		
Risk of fire	Fire protection according to	EN 60950		
	Fire load	variant *) see below		
Packaging	22-PAP paper	installation instruction	33g	
	20-PAP cardboard	packaging Qheat5 (Q)	101g	
	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	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	variant	
	PP; halogen-free	impeller	3g	
	ABS+PC; halogen-free	LCD-frame	4g	
	ABS+PC; halogen-free	plombe	2g	
	PET; halogen-free	installation protection	4g	
	Noryl; halogen-free	impeller housing I	variant	
	ABS+PC; halogen-free	cap	variant	
	Noryl; halogen-free	impeller housing II	variant	
	Metals	CuZn; no coating	threaded ring M 55x1	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	CuZn; no coating	housing xx ITF xx WMZ5	variant
	glas	LCD Qheat5	8g
	Cu + PVC	temperature sensor cold 5x45x800	20g
	Cu + PVC	temperature sensor hot 5x45x800	35g
	CR AA, Li-MnO2	battery-lithium-CRAA	22g
	Cu + PVC	IMPULSE cable IN	34g
	Cu + PVC	MBUS cable OUT	91g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB Qheat5	33g

***Variant parts list**

	WFx5xx-(A-D)xxxxxx	WFx5xx-(E-H)xxxxxx	WFx5xx-(J-M)xxxxxx	WMx5xx-(Q-R)xxxxxx								
Total weight of device [g]	763	751	837	763								
cap Q	4	4	4									
impeller housing I				14								
cap				11								
impeller housing II				10								
threaded ring M 55x1				47								
housing xx ITF xx WMZ5	390	378	464	312								
Fire load [MJ]	6	6	6	7								

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. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

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

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.

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 Schweiz AG 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.