



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	WFK40.D110	CD SD PLUS Q3 2,5 Cold water L= 110mm
		WFW40.D110	CD SD PLUS Q3 2,5 Warm water L= 110mm
		WFK40.E130	CD SD PLUS Q3 4 Cold water L= 130mm
		WFW40.E130	CD SD PLUS Q3 4 Warm water L= 130mm
		WFK40.D080	CD SD PLUS Q3 2,5 Cold water L= 80mm
		WFW40.D080	CD SD PLUS Q32.5 Warm Water l=80mm
		WFZ44	Pulse sensor
		WFZ43	Namur pulse sensor
	Product line	Mechanical water meters	
<b>Process control</b>	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6300 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
<b>Environmentally compatible product design</b>	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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
		no energy consumption	
<b>Maintenance</b>		According maintenance record stated by DPR 12-01-98 n° 37	
		According maintenance record stated by DPR 12-01-98 n° 37	
<b>Risk of fire</b>	Fire protection according to	DDR 12-01-1998 n° 37	
	Fire load	variant *) see below	
<b>Packaging</b>	20-PAP Corrugated fiber board	carton box	variant
	5-PP	plastic bag	variant
	22-PAP paper	mounting instruction WFZ...	variant
	Notes on disposal	no carton box on pulse emitters	
<b>Materials</b>	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.		
<b>Plastics</b>	PP; halogen-free	vane wheel	variant
	POM; halogen-free	filter	variant
	PA66; GF 30%; halogen-free	pressure plate	variant
	POM; GB 10%; halogen-free	vane wheel bearing	variant
	EPDM; halogen-free	O-ring	variant
	ABS; halogenated	emitter case	variant
	POM; halogen-free	register	variant
	POM; halogen-free	Cover	variant
<b>Metals</b>	CuZnPb	body	variant
	Steel stainless	upper pivot	1g
	Steel stainless	lower pivot	1g
<b>PCBAs (Printed Circuit Board assembled)</b>	FR4; halogenated; solder SnAgCu	sensor PCB	variant

Special components (part of the assembled PCB)	Wire / Ribbon cable	PVC/copper	variant	(20g)
	Relays	GLASS/GOLD/RHODIUM	variant	(0g)
	PCB	FR4	variant	(1g)
	Resin	moulding resin	variant	(3g)

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

**\*Variant parts list**

	WFK40.D110	WFW40.D110	WFK40.E130	WFW40.E130	WFK40.D080	WFW40.D080	WFZ44	WFZ43					
Total weight of device [g]	422	422	511	511	398	398	26	26					
vane wheel	2	2	2	2	2	2							
filter	7	7	7	7	7	7							
pressure plate	18	18	18	18	18	18							
vane wheel bearing	1	1	1	1	1	1							
O-ring	0	0	0	0	0	0							
emitter case							2	2					
register	62	62	62	62	62	62							
Cover	10	10	10	10	10	10							
body	321	321	410	410	297	297							
sensor PCB							23	23					
Fire load [MJ]	2	2	2	2	2	2	1	1					
Special components (part of the)													
Wire / Ribbon cable [pcs]							1	1					
Relays							1	1					
PCB							1	1					
Resin							1	1					
Packaging													
carton box [g]	35	35	42	42	35	35							
plastic bag							1	1					
mounting instruction WFZ...							3	3					

**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:  
sensor PCB; emitter case

**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.