



Environmental Product Declaration

Product

Type of equipment /
Product No. VPF44/54...

Designation control valve with flanged connections

Product line,
Product range Acvatix TM

Process control

Beijing Siemens Cerberus Electronic Ltd.
Building Technologies Divison
No.1 Fengzhi East Road, Xi Bei Wang,
HaiDian District, Beijing 100094, China

Management System	since	by
ISO 9001 (Quality)	06-January-2001	LPCB
ISO 14001 (Environment)	05-July-2005	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".

Maintenance	Not necessary
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Risk of fire

Fire protection according to	EN60730-1
Fire load	variant *) see below

Packaging

Corrugated fiberboard / carton board PAP 20	Paper and cardboard	variant
Wood – FOR 50	Wood	variant
Steel – FE 40	Metals	variant
Composites (others)	Composites	variant
PE	Cap	31g
81 ... 99 Composites with no material fraction > 70%	Other Packaging	variant
Notes on disposal	recyclable	

Materials

Total weight of device	variant *) see below
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The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics

PPS; GF 40%	restrictor	variant
ABS	scale	6g
PTFE; CD 15%	Packing box wiper	2g

Metals

Grey cast iron; lacquered	Valve body DN50-DN100 PN16	variant
Spheroidal graphite cast iron; lacquered	Valve body DN50-DN100 PN25	variant
Spheroidal graphite cast iron; lacquered	Valve body DN125-DN150 PN16/25	variant
Grey cast iron; lacquered	Blind flange DN50-DN80 PN16	variant
Spheroidal graphite cast iron; lacquered	Blind flange DN50-DN80 PN25	variant
Spheroidal graphite cast iron; lacquered	Blind flange DN100-DN150 PN16/25	variant
Steel stainless	Hexagon head screw,Hex-nut	variant
Steel stainless	Plug /Seat	variant
Steel stainless	Stem/Spindle	variant

Others

CuZnPb	Packing box	72g
Steel stainless	Spring	variant
Steel stainless	Lock nut/lock washer	variant
Al alloy	Name plate	2g
CuZnPb	Bushing insert in DPR plug	variant
CuZnPb	PT plug	
Steel stainless	Transfer piece/Cover/Baffle plate	variant
	Lubrication Grease	variant
EPDM	O ring	variant
EPDM	rolling diaphragm	

***Variant parts list**

Total weight of device
restrictor

Valve body DN50-DN100 PN16

Valve body DN50-DN100 PN25

Valve body DN125-DN150 PN16/25

Blind flange DN50-DN80 PN16

Blind flange DN50-DN80 PN25

Blind flange DN100-DN150 PN16/25

Hexagon head screw,Hex-nut

Plug /Seat

Stem/Spindle

Spring

Lock nut/lock washer

Bushing insert in DPR plug

Transfer piece/Cover/Baffle plate

Lubrication Grease

O ring

Fire load

Packaging

Paper and cardboard

Wood

Metals

Composites

Other Packaging

	VPF44.50F	VPF54.50F	VPF44.65F	VPF54.65F	VPF44.80F	VPF54.80F	VPF44.100F	VPF54.100F	VPF44.125F	VPF54.125F	VPF44.150F	VPF54.150F
[g]	14,919	14,919	19,295	20,135	28,259	28,567	48,503	50,358	77,026	79,032	109,986	115,029
	19	19	26	26	37	37	73	73	146	146	214	214
	11,300		14,800		20,833		35,056					
		11,300		15,400		21,225		36,911				
									54,214	56,220	75,527	80,570
	1,580		1,720		3,080							
		1,580		1,960		2,996						
							6,011	6,011	11,986	11,986	17,050	17,050
	160	160	160	160	160	160	650	650	732	732	966	966
	1,119	1,119	1,758	1,758	3,032	3,032	5,110	5,110	7,624	7,624	12,833	12,833
	139	139	168	168	188	188	240	240	359	359	375	375
	18	18	22	22	23	23	74	74	200	200	300	300
	10	10	18	18	24	24	24	24	40	40	40	40
	235	235	255	255	360	360	610	610				
	120	120	132	132	260	260	375	375	1,348	1,348	2,253	2,253
	62	62	62	62	62	62	62	62	93	93	93	93
	8	8	16	16	18	18	21	21	42	42	56	56
[MJ]	1	1	1	1	1	1	2	2	4	4	5	5

[g]	2,250	2,250	1,950	1,950	4,250	4,250	1,500	1,500	3,210	3,210	3,210	3,210
							10,500	10,500	11,200	11,200	11,670	11,670
							50	50				
							50	50	140	140	140	140
									60	60	60	60

Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal.

For country-specific requirements regarding further disposal information:
<http://www.siemens.com/download?A6V13734633>

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)

Building Parts

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. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1

(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 Electronic 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.

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