



Environmental Product Declaration

Product	Type of equipment / Product No.	VPF44/54...	
	Designation	control valve with flanged connections	
	Product line, product ra	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)	06.01.2001	LPCB
	ISO 14001 (Environment)	05.07.2005	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	
Risk of fire	Fire protection according to	EN 60730-1	
Packaging	20-PAP Corrugated fibreboard	Folding Box	variant
	20-PAP Corrugated fibreboard	Folding Box Insert	variant
	50-FOR Wood	Folding Box Base Seat	variant
	PE	Cap	31g
	PA66	Stop tie	variant
	Notes on disposal	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	PPS; GF 40%	restrictor	variant
Metals	Grey cast iron; lacquered	Valve body DN50-DN100 PN16	variant
	Spheroidal graphite cast iron; lacquered	Valve body DN50-DN100 PN25	variant
	Grey cast iron; lacquered	Blind flange	variant
	Steel stainless	Hexagon head screw,Hex-nut	variant
	Steel stainless	Plug /Seat	variant
	Steel stainless	Stem/Spindle	variant
	CuZn	Packing box	72g
	Steel stainless	Spring	variant
	Steel stainless	Lock nut	variant
	Al alloy	Name plate	2g
	CW602N	Bushing insert in DPR plug	variant
	CW602N	PT plug	60g
	Steel stainless	cover and baffle plate	variant
	Others	Lubrication Grease	62g

Building Parts

EPDM	O ring	variant
EPDM	Packing box wiper	2g
EPDM	rolling diaphragm	variant

***Variant parts list**

	[g]	VPF44.50F	VPF54.50F	VPF44.65F	VPF54.65F	VPF44.80F	VPF54.80F	VPF44.100F	VPF54.100F
Total weight of device		14,613	14,613	19,289	20,129	28,253	28,561	48,498	50,353
restrictor		19	19	26	26	37	37	73	73
Valve body DN50-DN100 PN16		11,000		14,800		20,833		35,056	
Valve body DN50-DN100 PN25			11,000		15,400		21,225		36,911
Blind flange		1,580	1,580	1,720	1,960	3,080	2,996	6,011	6,011
Hexagon head screw,Hex-nut		160	160	160	160	160	160	650	650
Plug /Seat		1,119	1,119	1,758	1,758	3,032	3,032	5,110	5,110
Stem/Spindle		139	139	168	168	188	188	240	240
Packing box		72	72	72	72	72	72	72	72
Spring		18	18	22	22	23	23	74	74
Lock nut		10	10	18	18	24	24	24	24
Name plate		2	2	2	2	2	2	2	2
Bushing insert in DPR plug		235	235	255	255	360	360	610	610
PT plug		60	60	60	60	60	60	60	60
cover and baffle plate		120	120	132	132	260	260	375	375
Lubrication Grease		62	62	62	62	62	62	62	62
O ring		8	8	8	16	16	18	18	21
Packing box wiper		2	2	2	2	2	2	2	2
rolling diaphragm		7	7	16	16	40	40	56	56
Fire load	[MJ]	1	1	1	1	1	1	2	2

Packaging

	[g]	VPF44.50F	VPF54.50F	VPF44.65F	VPF54.65F	VPF44.80F	VPF54.80F	VPF44.100F	VPF54.100F
Folding Box		825	825	825	825	1,500	1,500	1,795	1,795
Folding Box Insert		750	750	575	575	1,145	1,145		
Folding Box Base Seat								8,720	8,720
Cap		31	31	31	31	31	31	31	31
Stop tie								50	50

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)

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.

Building Parts

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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