



Environmental Product Declaration

Product	Type of equipment	VVP45..S VMP45..S	
	Designation	Threaded valves	
	Product line	Acvatix™, Valves & Actuators	
Process control	Siemens AG Building Technologies Division Berliner Ring 23, D-76437 Rastatt		
	Management system certified	since	by
	ISO 14001 (environment)	Dec. 12, 1997	BSI
	ISO 9001 (quality)	May 30, 1986	BSI
Product use	Maintenance	Not necessary	
Risk of fire	Fire protection according to	Not applicable	
Packaging	Single packing	20-PAP Corrugated board	
	Notes on disposal	One-way, recyclable	

		VVP45..S	
Materials		Total weight of device	250...300 g
Plastics	PP – Polypropylene	Knob	9 g
	EPDM	O-ring	3 g
	PTFE	Bearing, disc	4 g
Metals	Bronze CuSn5Zn5Pb2-C (CC499K)	Valve body	145...175 g
	Brass	Packing box, seat, plug	90...100 g
	CrNi steel	Stem, spring	20...25 g
Others	Loctite 270		3 g
	Silicone-based grease		3 g
		VMP45..S	
Materials		Total weight of device	355...450 g
Plastics	PP – Polypropylene	Knob	9 g
	EPDM	O-ring	3 g
	PTFE	Bearing, disc	4 g
Metals	Brass, CuSn5Zn5Pb2-C (CC499K)	Valve body	240...315 g
	Brass	Packing box, seat, plug	90...100 g
	CrNi steel	Stem, spring	20...25 g
Others	Loctite 270		3 g
	Silicone-based grease		3 g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

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

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) under regard of exception:

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

The device is halogen-free.

Type reference	Weight in g	Type reference	Weight in g
VVP45.10-0,63S	250	VMP45.10-0,63S	355
VVP45.10-1S	250	VMP45.10-1S	355
VVP45.10-1.6S	250	VMP45.10-1.6S	355
VVP45.15-2.5S	300	VMP45.15-2.5S	450

Legal disclaimer: This declaration is for information purposes 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.