



Environmental Product Declaration

Product	Type of equipment	GDBxxx.9A/xx ... GDBxxx.9X/xx GLBxxx.9A/xx ... GLBxxx.9X/xx	
	Designation	Ball Valve Actuator	
	Product line	OpenAir™	
Process control	Siemens Switzerland Ltd. Gubelstrasse 22 6301 Zug		
	Management System	since	by
	ISO 14001 (Environment)	20.10.1998	BSI
	ISO 9001 (Quality)	22.07.1986	BSI
Product use	Typical energy consumption per year	2...26 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN60730 & UL873	
	Fire load	7...9 MJ	
Packaging	20-PAP Corrugated fiber board	Cardboard & Paper	56 g
	20-PAP Corrugated fiber board	Cardboard & Paper	170 g
	Notes on disposal	One-way, recyclable	

Materials			Total weight device	685...923g
Plastics	POM		Various Mechanical Parts	5...35 g
	ABS+PC GF 10		Housing	67...86 g
	ABS		Cover	45 g
	PA66 GF 30		Various Mechanical Parts	0...7 g
	PA		Various Mechanical Parts	0...4 g
	PUR		Various Mechanical Parts	1...2 g
	PBT GF 30		Various Mechanical Parts	118 g
	PA66 RF 20		Various Mechanical Parts	11...13 g
Metals	Steel		Various Steel Parts	191...222 g
	Zinc die cast		Universal Shaft	88 g
Others	PVC		PVC Cable	70...175 g
	Steel / Copper		Synchronous Motor / Magnet	83 g
PCB assembled	FR4 / CEM1	SnAgCu	3P Types	6 g
	FR4 / CEM1	SnAgCu	0...10V	26 g
	FR4	SnAgCu	VAV	45 g

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

Materials

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

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

Cd: < 0.01 % by weight in homogeneous materials

SPECIAL COMPONENTS:

PVC POWER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC OPT. POTENTIOMETER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC SWITCHES CABLE: 1.5m => +50g / 2.5m => +150g / 5m => +400g

Environmental benefits

HIGH TORQUE / FORCE AT SMALL SIZE AND WEIGHT!

LOW POWER CONSUMPTION: 2...6VA

EASILY DEMOUNTABLE

Emissions

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.