



Environmental product declaration

Product	Device type	PXG80-N
	Designation	BACnet router
	Product range	DESIGO PX
Process control	Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug	
	Management system certified	since by
	ISO 14001 (environment)	20 Oct. 1998 BSI
	ISO 9001 (quality)	22 July 1986 BSI
Product use	Typical energy consumption per year	approx. 5 kWh
	Maintenance	replace battery when indicated on LED display or via system message
	Environmental benefits	see notes on page 2
Environmental risk (fire)	Fire protection as per	EN 60950
	Fire load	approx. 5 MJ
	Parts containing halogens (result in corrosive smoke)	circuit board with components
Packaging	Paperboard, cardboard boxes, paper	cardboard box with polyester label 87 g
	Notes on disposal	can be recycled, marked on packaging

Materials		total weight of device	1,067 g
Plastics	PC GF10, halogen-free, 10% fiberglass	covering	45 g
	PC, halogen-free, fiberglass-free	13 light guides in covering	6 g
	POM, halogen-free, fiberglass-free	slider in housing base	6 g
Metals	Sheet steel, zinc-plated	housing base	380 g
	Sheet steel, powder coated	housing cover	370 g
	Steel, tempered, zinc-plated, chromated blue	4 TORX screws	2 g
Circuit boards with components	FR4, containing halogens, SnPb solder	master circuit board	210 g
	FR4, containing halogens, SnPb solder	subprint	48 g
Special components	Li-MnO ₂ battery	on master circuit board	(8 g)
	Various connectors	on master circuit board	(16 g)
	Transformer and choke	on master circuit board	(19 g)

Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. This particularly applies to electronic circuit boards.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws.

Notes

Environmental benefits

- Uses existing Ethernet infrastructure (no additional cables and installation).
- Supports a clearly arranged plant topology and thus the optimal configuration for energy management.

Legal disclaimer: This declaration is for information purposes only.

The above information may be inaccurate or incomplete. Siemens Building Technologies Ltd. therefore does not assume liability for any error or any consequences which may arise from the use of this information to the maximum extent under the law.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.