



Environmental Product Declaration

Product	Type of equipment	PXM20-E	
	Designation	Operator unit BACnet/IP	
	Product line	DESIGO PX	
Process control	Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	Management system certified	
	ISO 14001 (environment)	ISO 14001 (environment)	
	ISO 9001 (quality)	ISO 9001 (quality)	
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, 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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption per year	Approx.	26 kWh
	Maintenance	Not required	
	Environmental benefits	see note on page 2	
Risk of fire	Fire protection according to	EN60730	
	Fire load	12 MJ	
Packaging	Paperboard, cardboard boxes, paper	Folded box	37 g
	PE	Bag for accessories	1 g
	PVC	Drilling template	4 g
	Notes on disposal	One-way, recyclable	

Materials		Total weight of device	516 g
Plastics	ABS+PC	Housing cover including protective glass	96 g
	ABS+PC	Housing base	92 g
	PP	Cover for supply	2 g
	ABS+PC	Slider	2 g
	Polyester	Type label	
Metals	Steel zinc-plated	Cyl. screw + hex-nut + washer	7 g
	Steel nickel-plated	Li-Th screw, cross-slot	1.4 g
Others	Metal / plastic	Terminal block 2-pin	5 g
PCBs assembled	FR4 TBBA , SnAgCu	Main PCB	109 g
	FR4 TBBA , SnAgCu	LCD PCB	184 g
	FR4 TBBA , SnAgCu	CPU PCB	19 g

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste.

The relevant national legal rules are to be adhered to.

Regarding disposal, use the systems setup for collecting electronic waste.

Observe all local and applicable laws.

Comments

Materials

The devices (exceptions see page 1) are 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

The devices are halogen-free except the PCBs (TBBA)

A PXA-C1 adapter cable (contains PVC) is required for remote control and must be taken into consideration. However, it is separately managed, ordered and delivered.

Environmental benefits

The PXM20 is a mobile device. Compared do a built-in operator unit, it has the advantage to be able to operate several automation stations. On average, 3.4 automation stations are delivered per operator unit. This reduces the energy consumption by 3.4 compared to a built-in solution.

The automatic switch-off of the display lighting after 5 to 60 minutes (adjustable) saves over 70% energy.

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.