



Environmental Product Declaration

Product	Device type	QBE3000 / QBE3100	
	Designation	Differential pressure sensors	
	Product range	Symaro™	
Process control	Siemens Switzerland Ltd. Industry Sector Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	20. 10. 1998	SQS
	ISO 9001 (quality)	22. 07. 1986	SQS
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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption per year		
	QBE3000	2 kWh/a	
	QBE3100	5 kWh/a	
	Maintenance	None	
Environmental risk (fire)	Fire protection as per	Not relevant	
	Fire load	< 1 MJ	
Packaging	Paperboard, cardboard, paper	Folded cardboard box with paper label	33 g
	Notes on disposal	One way, recyclable	
Disposal	Do not dispose of the devices as part of unsorted municipal waste. 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.		

Materials		Total weight of device	558 g
Plastics	PE	Protection for plug	4 g
	PA; GF 0%	Plug	8 g
	Q Silicone rubber	Filling compound	24 g
Metals	Stahl CrNi	Housing parts P1, P2	424 g
	CuZn39Pb3	Thread adapter with gland	44 g
	Al alloy	Hood	20 g
	Cu alloy	Screening hood	7 g
	Stahl	Spring	6 g
	Steel CrNi	Ring	3 g
	Steel	Screws	7 g
Other materials	96% Al ₂ O ₃	Membrane sensor complete	9 g
Circuit board with components	FR 4; TBBA; SnAgCu solder	Printed circuit board	7 g

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

Comments

Materials:

The devices are free from substances banned by the EU-Directive 2002/95/EC (RoHS) – allowing for the exemptions acc. to Decision 2010/571/EU:

- Pb, Hg, Cr⁶⁺, PBB, PBDE: <0.1% by weight in homogeneous materials
- Cd: <0.01% by weight in homogeneous materials

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the devices and their packaging contain no 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.

Halogens:

The devices are halogen-free, excepted for the PCB (TBBA)

Accessories: The devices are delivered with the following accessories:

Mounting bracket set (43 g, CrNi steel), Device socket 3P+E with gasket UL (32 g) in PE bag.

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 Building Technologies 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.

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