SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product

Type of equipment / Product No.	QAE3174.010	Tmp.sens.imm.4-20mA 0.1m hq
	QAE3174.015	Tmp.sens.imm.4-20mA,0.15m
	QAE3176.010	Tmp.sens.imm.4-20mA 0.1m hq
	QAE3176.015	Tmp.sens.imm.4-20mA,0.15m
	QAE3174D.010	Tmp.sens.imm.4-20mA 0.1m hq
	QAE3174D.015	Tmp.sens.imm.4-20mA,0.15m
Product line, product range	Sensor	

Process control

Beijing Siemens Cerberus Electronics Ltd.
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Management System	since	by
ISO 9001 (Quality)	06.01.2001	LPCB
ISO 14001 (Environment)	05.07.2005	SGS
OHSAS 18001 (OH&S)	12.12.2011	SGS

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 with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	5kWh/a	
Fire load	3MJ	

Packaging

20-PAP Corrugated fibreboard	Folded Box	57g
4-LDPE Low density polyethylene	Bag for accessories	3g
22-PAP Paper	Mounting instruction	4g
Notes on disposal	One-way, recyclable	

Materials

Total weight of device — variant *) see below

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

Plastics	PC; halogen-free	Housing: base and cover	51g
	PC; halogen-free	Immersion rod	
	PC; halogen-free	socket and partition wall	
	Epoxy resin; halogen-free	Sealing compound	
	PA6; GF 0%; halogen-free	Mounting flange / cable entry gland	14g
	NBR; halogen-free	O-ring gasket	1g
	PET; halogenated	Washer	1g
Metals	Steel stainless	Sensor pocket and nipple	variant
	Steel	Clamp	6g
	Steel zinc-plated	Screws (housing)	4g
Others	PBT / CuSn zinc-plated	Plug connector	8g
	PBT / CuSn zinc-plated	Connector measuring tip	
	PBT / CuSn zinc-plated	Plug connector	
	PA66 Cu steel	Terminal strip with clip, screws	
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	PCB base	24g
	FR4; solder SnAgCu	PCB gas module	

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FR4	PCB cover module	
FR4	PCB measuring tip	
FR4	PCB VOC module	
FR4	PCB LCD module	variant

***Variant parts list** [g]	QAE3174.010	QAE3174.015	QAE3176.010	QAE3176.015	QAE3174D.010	QAE3174D.015						
Total weight of device	129	135	129	135	143	149						
Immersion rod												
Sensor pocket and nipple	20	26	20	26	20	26						
Clamp	6	6	6	6	6	6						
Plug connector	8	8	8	8	8	8						
Connector measuring tip												
Plug connector												
Terminal strip with clip, screws												
PCB measuring tip												
PCB LCD module					14	14						
Fire load [MJ]	3	3	3	3	3	3						
Packaging												
Mounting instruction	4	4	4	4	4	4						

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste.
Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its 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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

Legal Disclaimer: 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.

Beijing Siemens Cerberus Electronics 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.

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