



Environmental Product Declaration

Product

Type of equipment /	S55561-F125	UH50-C45-00
Product No.	S55561-F126	UH50-C50-00
	S55561-F127	UH50-C61-00
	S55561-F128	UH50-C65-00
	S55561-F129	UH50-C70-00
	S55561-F130	UH50-C74-00
	S55561-F131	UH50-C83-00
	S55561-F257	UH50-C47-00
	S55561-F258	UH50-C52-00
	S55561-F259	UH50-C60-00

Product line, product range UH50 - combined heat cooling meter - Qp3.5 - Qp60

Process control

Landis+Gyr GmbH		
HEAT		
Humboldtstraße 64		
90459, Germany		
Management System	since	by
ISO 9001 (Quality)		DQS
ISO 14001 (Environment)		DQS
OHSAS 18001 (OH&S)		DQS

Product use

Typical energy consumption	1kWh/a Mbus module 42V / 1.5mA -> 63mW / Meter 1Ah@3,6V/Year -> 410µW
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730
Fire load	variant *) see below

Packaging

20-PAP Corrugated fiber board	Cardboard	variant
PE	Foil	variant
PE	Air Foil	variant
22-PAP Paper	Filling paper	variant
Notes on disposal	One-way, recyclable	

Materials

Total weight of device	variant *) see below
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The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics

Aramidfaser + NBR; halogen-free	gasket flow part	variant
EPDM; halogen-free	Molded part / cable grommet / seal	40g
FKM; halogen-free	damping body	4g
PBT; GF 15%; halogen-free	adapter plate	8g
PBT; GF 20%; halogen-free	Transducer cover big	100g
PC; GF 10%; halogen-free	Housing lower part	125g
PC; halogen-free	Housing Cover	27g
PP; halogen-free	battery blocking flap	1g

Metals	Q Silicone rubber; halogen-free	Transducer sealing material	8g
	PP; halogen-free	Battery Holder	6g
	PVC; halogenated	Label sensors / marking ring sensors	2g
	PC; halogen-free	PCB cover	12g
	CuZnPb	Armature	variant
	Cu alloy	Reflector plate	620g
	Cu alloy	Transducer Cup	57g
	Steel; zinc plated	magnetic shield	11g
	Steel; galvanized	screws, plates	27g
	steel CrNi	screws, plates	variant
Others	Al alloy; lacquered	dial plate	10g
	Cu / LSR / ETFE	Cable / Wire	50g
	Piezoceramic (PZT)	transducer	1g
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor DS 38 mm, 1.5 m cable (0D)	variant
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor PL100 mm, 5 m cable (0N)	variant
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor PL150 mm, 5 m cable (0Q)	variant
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor DS 38 mm, 2.5 m cable (0E)	variant
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor PS 45 mm, 1.5 m cable (0H)	variant
	Cu / LSR / ETFE / Stahl hochlegiert	temperature sensor PL100 mm, 2 m cable (0M)	variant
	22-PAP paper	Operating Instructions	107g
PCBAs (Printed Circuit Board assembled)	22-PAP paper	Installation Instructions	140g
	FR4; halogenated; solder SnAgCu	main PCB	40g
Special components (part of the assembled PCB)	Passive components		157pcs
	Active components		8pcs
	ICs		6pcs

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

*Variant parts list

	S55561-F125	S55561-F126	S55561-F127	S55561-F128	S55561-F129	S55561-F130	S55561-F131	S55561-F257	S55561-F258	S55561-F259		
Total weight of device	3'262	3'262	6'816	7'561	10'662	12'093	20'044	3'304	5'671	4'542		
gasket flow part	3	3	30	39	50	56	62	3	19	6		
Armature	1'678	1'678	4'965	5'701	8'767	10'181	18'126	1'678	4'088	2'875		
screws, plates	96	96	96	96	120	120	120	96	96	96		
temperature sensor DS 38 mm, 1	89	89										
temperature sensor PL100 mm, 5			329	329	329							
temperature sensor PL150 mm, 5						340	340					
temperature sensor DS 38 mm, 2								131				
temperature sensor PS 45 mm, 1									72			
temperature sensor PL100 mm, 2										169		
Fire load	12	12	13	13	13	13	13	12	12	12		
Packaging												
Cardboard	252	252	1'012	1'012	2'243	2'243	2'243	252	252	1'012		
Foil			20	20	35	35	35			20		
Air Foil	4	4						4	4			
Filling paper	6	6						6	6			

Building Parts

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)

The device contains the following 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, including those which will become known at a later date, are listed on the delivery note.

Lead titanium zirconium oxide, CAS-Nr.12626-81-2; Lead, CAS-Nr.7439-92-1

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

The device is low-halogen with exception of:

Cableparts (ETFE isolation); damping body of transducers (FKM); PCB (TBBA)

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.

Landis+Gyr GmbH 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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