



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>QAM21..... / QAE21.....</b>	
	Designation	<b>Duct Temperature Sensors passive Immersion Temperature Sensors passive</b>	
	Product range	<b>Symaro™</b>	
<b>Process control</b>	Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>20.10.1998</b>	<b>BSI</b>
	ISO 9001 (quality)	<b>22.07.1986</b>	<b>BSI</b>
<b>Environmentally compatible product design</b>	The devices were developed in accordance to the Siemens standard SN 36350 "Environmentally compatible products".		
	This standard describes guidelines for the design of environmentally compatible products and their integration into the product planning and development process. The purpose is to achieve optimum environmental compatibility of products, taking account of all phases of the product lifecycle.		
<b>Product use</b>	Typical energy consumption per year	<b>none (passive sensor)</b>	
	Maintenance	<b>none</b>	
<b>Environmental risk (fire)</b>	Fire protection as per	<b>EN 60730 and UL 8730</b>	
	Fire load	<b>appr. 1.5 MJ to 5.5 MJ</b>	
<b>Packaging</b>	Box: 20-PAP Corrugated fibreboard		<b>42 g</b>
		QAM2120.200/.600	<b>62 g</b>
	Notes on disposal	<b>One way, recyclable, notes on recyclability</b>	

Materials		Total weight of device	chart*
Plastics	PC GF10	Housing: base and cover	<b>50 g</b>
	PA66 GF25	<u>QAM only:</u> 2 half shells (bracket)	<b>6 g</b>
	PA66 GF35	<u>QAM only:</u> Mounting tube, flange, clamps	<b>chart*</b>
	Polyolefin	<u>QAM only:</u> Shrinkable tubing (flexible probe)	<b>chart*</b>
	Q Silicone caoutchouc	<u>QAE only:</u> Joint sealing (sensor pocket)	<b>chart*</b>
Metals	Copper	<u>QAM only:</u> Flexible sensor probe	<b>chart*</b>
	Steel, stainless	<u>QAE only:</u> Sensor pocket, nipple	<b>chart*</b>
	CuZn37, nickel plated	<u>QAE only:</u> Protection pocket	<b>chart*</b>
	Strip steel	<u>QAE only:</u> Clamp	<b>6 g</b>
Others	PBT / Bronze	Connection terminal	<b>3 g</b>

### \*Variant parts list

	QAM2140.020	QAM21x0.040	QAM2120.200	QAM2120.600
Total weight	103.5 g	112 g	228 g	451 g
Tube, flange, clamps	32 g	32 g	65 g	81 g
Shrinkable tubing (probe)	1.5 g	3 g	17 g	51 g
Flexible probe	11 g	18 g	87 g	260 g

	QAE2121.010	QAE21x0.010	QAE2122.013	QAE21x0.015
Total weight	80 g	163 g	142 g	181 g
Joint sealing (sensor pocket)	3 g	3 g	3 g	4 g
Sensor pocket and nipple	18 g	18 g	18 g	24 g
Protection pocket	---	83 g	---	94 g
Threaded nipple	---	---	62 g	---

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

### Disposal



Do not dispose the devices as part of unsorted municipal waste.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible. Observe all local and applicable laws.

#### 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.