



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>QAM21..... / QAE21.....</b>	
	Designation	<b>Duct temperature sensors passive</b>	
		<b>Immersion temperature sensors passive</b>	
	Product range	<b>Symaro™</b>	
<b>Process control</b>	Siemens Switzerland Ltd Industry Sector Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>20.10.1998</b>	<b>SQS</b>
	ISO 9001 (quality)	<b>22.07.1986</b>	<b>SQS</b>
	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".		
<b>Product use</b>	Typical energy consumption per year	<b>None (passive sensor)</b>	
	Maintenance	<b>Not necessary</b>	
<b>Environmental risk (fire)</b>	Fire protection as per	<b>EN 60730 and UL 8730</b>	
	Fire load	<b>Approx. 1.5 MJ to 5.5 MJ</b>	
<b>Packaging</b>	Box: 20-PAP corrugated fiber board		<b>42 g</b>
		<b>QAM21...200/600</b>	<b>62 g</b>
	Notes on disposal	<b>One way, recyclable, notes on recyclability</b>	
<b>RoHS</b>	The devices 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		

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 rubber	<u>QAE only:</u> Casting compound (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

QAM	2110.040/2112.040 2120.040/2130.040	2140.020	2112.200 2120.200	2120.600
Total weight	112 g	103.5 g	228 g	451 g
Tube, flange, clamps	32 g	32 g	65 g	81 g
Shrinkable tubing (probe)	3 g	1.5 g	17 g	51 g
Flexible probe	18 g	11g	87 g	260 g

QAE	2110.015/2120.015 2130.015	2110.010/2120.010 2130.010/2140.010	2111.015 2112.015 2121.015	2112.010 2121.010 2111.010	2122.013
Total weight	181 g	163 g	87 g	80 g	142 g
Joint sealing (sensor pocket)	4 g	3 g	4 g	3 g	3 g
Sensor pocket and nipple	24 g	18 g	24 g	18 g	18 g
Protection pocket	94 g	83 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 of 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.**

**Materials:** QAM2120.600, QAM2112.200, QAM2130.040, QAE2130.010, QAE2130.015, QAE2112.010, QAE2112.015 are delivered with the following accessories kits: Adaptor (5g, PA66 GF30) & hexagon nut (1g, PA6) in bag (PE)

#### 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 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.

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