

EC Type Examination Certificate Number: **UK/ 0120/ SGS0074**

## **Sensus Metering Systems Ltd**

No. 9 Ganluyuan Shillpu,  
Chaoyang District,  
Beijing,  
China 100025

Instrument Identification:

**CubixRS 1.2L G4 credit diaphragm gas meter**

Instrument Traceable Number  
**UK/ 0120/ SGS0074**

## **EC Directive 2004/22/EC**

**on Measuring Instruments Annex B**

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of MI-002 of EC Directive 2004/22/EC.

This certificate is to be used in conjunction with a certificate covering the product verification as required in Annex D or Annex F

This certificate is valid for 10 years from 7<sup>th</sup> November 2010 until 6<sup>th</sup> November 2020

Issue 2

Certification is based on report number(s) MID-B-135320-G4-Rb dated 7<sup>th</sup> December 2010

Notified Body Number 0120

Authorised Signature  
**Mr J Weaver**



**CE**  
**0120**

Notified Body  
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EC Type Examination Cert.

## Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0074

<b>Manufacturer</b>	:	Sensus Metering Systems Ltd.
<b>Type of Meter(s)</b>	:	CubixRS 1.2L G4 credit diaphragm gas meter
<b>Description of Meter</b>	:	G4 diaphragm gas meter.
<b>Accuracy Class (es)</b>	:	1.5
<b>Cyclic volume</b>	:	1.2dm <sup>3</sup>
<b>Case material</b>	:	Steel
<b>Meter Location</b>	:	Indoor, or in suitable enclosure.
<b>Integrity of Meter</b>	:	Inaccessible without breaking seal.
<b>Range of Gases</b>	:	First, second and third families
<b>Flow Range</b>	:	Qmax 6.0m <sup>3</sup> /h Qmin 0.040m <sup>3</sup> /h
		<b>Software Version No</b> : Not Applicable.
		<b>Bill Of Materials No</b> : 152.4mm 2217130403 Iss. 1 : 130mm 2217130402 Iss. 1 : 110mm 2217130401 Iss. 1
		<b>Sealing Type</b> : Embossed plastic seal. <b>Location</b> : Fitted to top of index cover
		<b>Temperature Range</b> : -25°C to +55°C
		<b>Maximum Operating Pressure</b> : Up to 500mbar i.e. 75mbar, 100mbar, 200mbar, 300mbar, 400mbar, or 500mbar.
		<b>Orientation</b> : Connection ports vertical

**Photograph Showing Complete G4 1.2dm<sup>3</sup> Meter with 152.4mm Boss Spacing**



**Photograph Showing Complete G4 1.2dm<sup>3</sup> Meter with 130mm Boss Spacing**

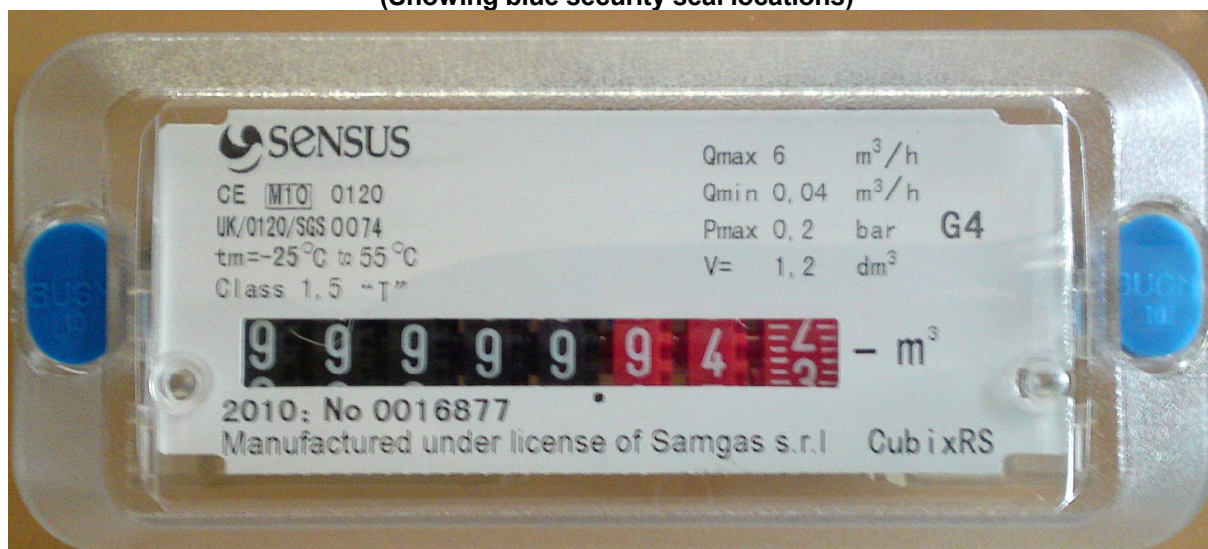


**Photograph Showing Complete G4 1.2dm<sup>3</sup> Meter with 110mm Boss Spacing**

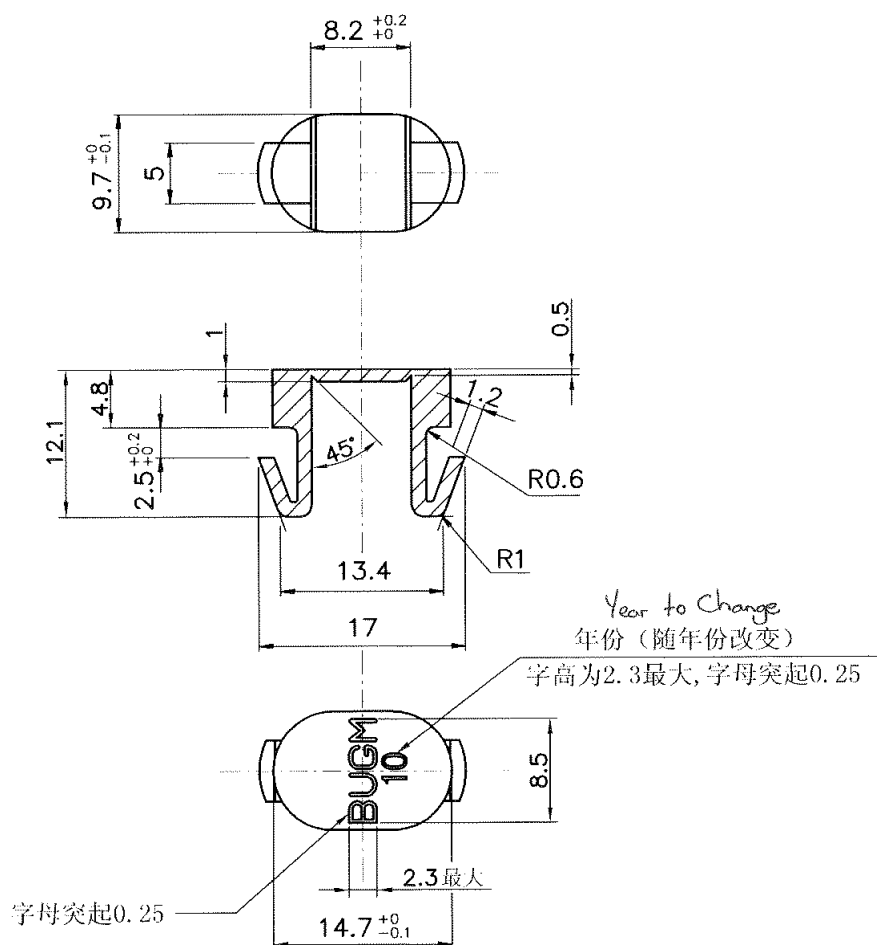




**Meter Index**  
(Showing blue security seal locations)



**Sensus Seal Detail**



The Sensus seal marking and date will be heat embossed on the Index seal, which is detailed in drawing 120070721-1 issue 02, after the meter has been certified.



**UK/ 0120/ SGS0074**  
7<sup>th</sup> December 2010  
Issue 2

**Approved Product Variations:**

Boss variants for the G4 CubixRS 1.2L Meter

Product Code	Description	3/4" BS 746	1" BS 746	M30 x 2 (China Domestic Market )
2217130401	110 ctr G4	√	√	√
2217130402	130 ctr G4	√	√	√
2217130403	152.4 ctr G4		√	

Modifications to the meters described according to approval No.**UK/ 0120/ SGS0074** must be notified to the issuing body before, being implemented, to confirm the meter's continuing compliance to the relevant pattern approval standard(s).