

EC Type Examination Certificate Number: **UK/ 0120/ SGS0062**

## **Itron Metering Solutions UK Ltd**

PO Box No.3,  
Talbot Road,  
Stretford,  
Manchester  
M32 0XX

Instrument Identification:

**SC6**

**G4 credit diaphragm gas meter**

Instrument Traceable Number

**UK/ 0120/ SGS0062**

## **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 until 16<sup>th</sup> September 2020

Issue 2

Certification is based on report number(s) **MID-B-205696Ra** dated 5<sup>th</sup> October 2016

Notified Body Number 0120

Authorised Signature



**CE**  
**0120**

Notified Body

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EC Type Examination Cert.

## Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0062

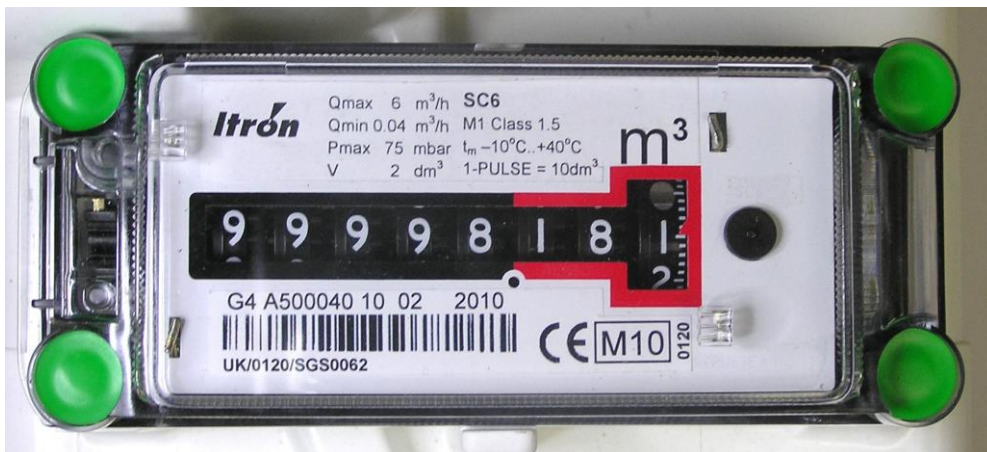
<b>Manufacturer</b>	:	Itron Metering Solutions UK Ltd.	
<b>Type of Meter(s)</b>	:	SC6	
<b>Description of Meter</b>	:	G4 diaphragm gas meter.	
<b>Accuracy Class (es)</b>	:	1.5	<b>Software Version No</b> : Not Applicable.
<b>Cyclic volume:</b>		2dm <sup>3</sup>	<b>U6 Bill Of Materials No</b> : DD-026-0B
<b>Meter Location</b>	:	External closed enclosure only	<b>Sealing Type Location</b> : Embossed plastic seal. : Two seals located in top of index cover. :Two Seals located at meter band.
<b>Integrity of Meter</b>	:	Inaccessible without breaking seal.	<b>Temperature Range</b> : -10°C to +40°C
<b>Range of Gases</b>	:	Second Family Group-IIA	<b>Maximum Operating Pressure</b> : 75 mbar
<b>Flow Range</b>	:	Qmax 6.0m <sup>3</sup> /h Qmin 0.040m <sup>3</sup> /h	<b>Orientation</b> : Connection ports horizontal

### Photograph Showing Complete SC6 2dm<sup>3</sup> Meter



Meter is shown without the optional 46-0000 pulse module fitted.

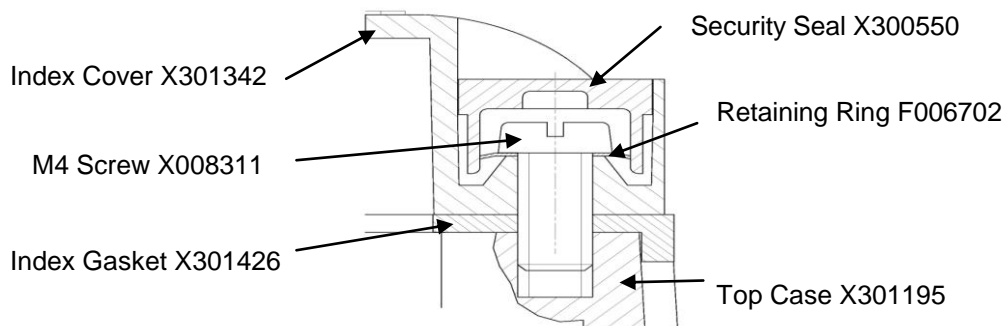
## Meter Index



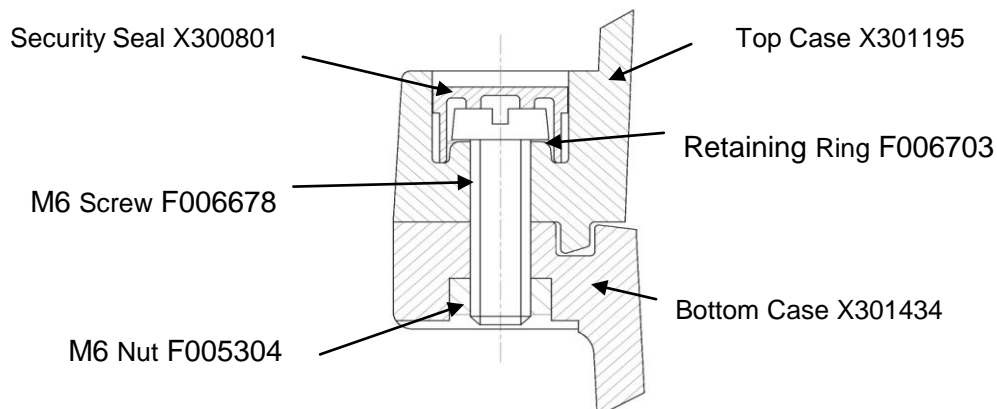
Meter Index showing green security seal location.

## Detail of Seal Location

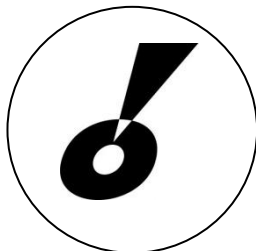
**Index Seal** – At the four corners of the Index, the Security Seal X300550 is pressed over the Retaining Ring located under the head of the Index Screw.



**Meter Band Seal** – The meter is sealed at the joint of the Top and Bottom case by pressing a Security Seal over a retaining ring located under the head of the four casework screw.



### Itron Seal Detail



The Itron seal symbol will be heat embossed on two of the Index seals X300550 and two of the meter case seals X300801. These will then be inserted, on diagonally opposed corners, once the meter has been certified.

### Optional Pulse output Module 46-0000



The module provides a 10dm<sup>3</sup> pulse VFC output which has maximum ratings of 12 V and 10ma and contains a circuit board with a normally open reed switch providing the VFC output. The module is fitted to the Index with a screw which may be covered with a seal.

### **Meter Installation**

The meter must be installed in an external semi-concealed meter box.

### **Handling Precautions**

The SC6 is a plastic cased meter and is therefore more susceptible to mishandling and impact than a conventional metal cased meter. The meter should therefore be treated with additional care and remain in the original Itron packing box when not fitted in an external semi-concealed meter box.



<b>UK/ 0120/ SGS0062</b> 5 <sup>th</sup> October 2016 Issue 2
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**Approved Product Variations:**

Pulse output module 46-0000 may be attached to the meter index

Modifications to the meters described according to approval No. **UK/ 0120/ SGS0062** must be notified to the issuing body to confirm the meter's continuing compliance to the relevant pattern approval standard(s). Modifications to the pulse output module 46-0000 relating to the readability of the meter index and the applied load on the index, must also be agreed with the issuing body before being implemented.



UK/ 0120/ SGS0062  
5<sup>th</sup> October 2016  
Issue 2

#### Document Revision History

Issue	Date	Comments
1	17/09/2010	Initial Issue
2	05/10/2016	Spur gear index drive system + several minor modifications