

€ 0120

EC Type Examination Certificate Number: UK/ 0120/ SGS0126

Landis + Gyr Ltd

Orion Business Park Bird Hall Lane Stockport SK3 ORT

Instrument Identification: E1065* 59 E1075* 59 E10 (G6) gas meter with internal cut-off valve with temperature compensated, fixed pressure compensated, and fast valve closure options Instrument Traceable Number UK/ 0120/ SGS0126

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 from 3rd September 2014 until 17th November 2023 Issue 3

Certification is based on report number(s) UK/0120/SGS0126-Iss 2/Ra dated 25th July 2014

Notified Body Number 0120

Authorised Signature

Notified Body SGS United Kingdom Ltd, 202B Worle Parkway, Weston-super-Mare, BS22 6WA UK t +44 (0)1934 522917 f +44 (0)1934 522137 www.sgs.com Contact Address SGS United Kingdom Ltd, Unit 10, South Industrial Estate, Bowburn, Durham, DH6 5AD UK t +44 (0)191 377 2000 f +44 (0)191 377 2020 www.sgs.com

EC Type Examination Cert.

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Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0126

Manufacturer	:	Landis + Gyr Ltd		
Type of Meter(s)	:	E1065* 59 and E1075	5* 59	
Description of Meter	:	E10 (G6) gas meter with internal cut-off valve with temperature compensated, fixed pressure compensated, and fast valve closure options. N.B. the fixed pressure compensation is performed entirely within the meter module and is only approved with the temperature compensated option.		
Accuracy Class (es)	:	1.5	Software Version No	/1.11
Bill Of Materials No(s)	:	E1065* 59- P0002417 E1075* 59- P0002417	740A 740A	
Meter Location	:	Indoor, or in suitable enclosure	Sealing Type : Location :	Plastic laser etched seal 1 x Front of meter
Integrity of Meter	:	Inaccessible without breaking seals	Temperature Range : Base Temperature :	-10°C to +40°C 0°C, 15°C or 20°C
Range of Gases	:	Second Family Maximum Operating Pressure : 200 mbar		
Flow Range	:	Qmax 10.0m ^{3/} h Qmin 0.060m ^{3/} h	Orientations :	Connection ports vertical Connection ports horizontal

Artwork of front of meter







The meters above have the fast valve close facility. Meters with this facility can only be identified externally by their laser etched model numbers which take the form E10*5* 59, please see the product variant identification details on page 5

Photograph of Meter (External View)

(E10753 59 shown)

Meter incorporating fixed pressure correction (identified by p_b and p_a markings on the module)



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Photograph of Meter without Module Fitted

<text>

(E10753 59 shown)

Photograph of Meter Showing PCB





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Product Variant Identification Details:

Meter type

E Ultrasonic gas meter

Maximum flow rate Q_{max}

10 10 m³/h

Functionality

- 6 Including shutoff valve, no temperature compensation, with fast valve closure.
- 7 Including shutoff valve, with temperature compensation, with fast valve closure.

Boss spacing

5 250mm

Boss type

- 0 ³/₄ inch boss to NEN 3084
- 1 ³/₄ inch boss to ISO 228-1 class B
- 2 1 inch boss to BS 746
- 3 G1¼ ISO 228-1 Class B

Space

Generation (Model Number)

59 Adaptive+ enclosure, High End Two Part measuring tube, ASIC less, Software V1.**

Fixed pressure compensation

Pressure compensation is implemented within the meter module.

Pressure compensation is only approved with temperature compensated versions of the meter. Meter modules performing fixed pressure compensation can be identified by the base pressure marking- p_b =XXXX,XX mbara and assumed average input pressure marking- p_a = XXXX,XX mbara. The specific values of p_b and p_a must be agreed with the issuing notified body prior to implementation.

The approved fixed pressure compensating modules are detailed below:

- 1. G350 3455 (DSMR4.2 wireless) with software versions V05.00.00.21
- 2. G350 4555 (DSMR4.2 wired) with software version V04.00.00.20

Modifications to the meters described according to approval No.UK/ 0120/ SGS0126 must be notified to the issuing body to confirm the meter's continuing compliance to the relevant pattern approval standard(s). All modifications to the meter module relating to fixed pressure compensation, the meter index, the module case cover, buttons, window and sealing arrangement must also be agreed with the issuing body before being implemented.



Document Revision History

Issue	Date	Comments
1	18/11/2013	Initial Issue
2	25/07/2014	Revised p_a and p_b values and module software versions
3	03/09/2014	Incorrect module reference corrected