EC Type Examination Certificate Number: **0120/ SGS0086**

Elster Méréstechnika Kft.

2119 Pécel,
Határ út 3.
Hungary

Instrument Identification:
A100C
Single Phase, Direct Connected, Credit, Import/Export, Active, Electricity Meter

Instrument Traceable Number
0120/ SGS0086

has been assessed and certified as meeting the requirements of

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-003 of EC Directive 2004/22/EC.

This certificate is issued 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 30th October 2009 until 29th October 2019
Issue 1

Certification is based on report number(s)
Report 129970 dated 22nd October 2009
Report 137550 dated 24th September 2010

Notified Body Number 0120

Authorised Signature
Mr J Weaver

CE
0120

EC Type Examination Cert.

Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0086

Manufacturer	:	Elster Méréstechnika Kft.

Type of Meter(s)	:	A100C

Description of Meter	:	Single Phase, Credit, Active Import/ Export, Electricity Meter

Accuracy Class (es)	:	A or B (kWh)	**Software Version No**	:	2-01167-F
			Location	:	Nameplate
Firmware Version No	:	2-01167-F	**Bill Of Materials No**	:	JG0519
Location	:	Nameplate			Sheets 2,3,4,4a,5,6,7,8,9
Meter Location	:	Indoor	**Sealing Type**	:	Wire & Crimp
Integrity of Meter	:	Inaccessible without breaking seals	**Temperature Range**	:	-40°C to +60°C
Type of Circuit	:	1p2w	**Frequency**	:	50Hz
Current Range (A)	:	0,25-5(60)A or 0,25-5(65)A or 0,25-5(85)A 0,5-10(60)A or 0,5-10(65)A or 0,5-10(85)A (Any value Iref ≥ 5, up to Imax)	**Voltage Range (V)**	:	220-250V

Photograph of front of meter

Photograph of rear of meter

Product Variant Identification Details:

Type Designation			Description of meter

U_n	I_b	I_{max}	**SINGLE PHASE (A100C) MODEL CODE**

TYPE S J 1 L A B E S S G N S J - B N

Description	S	J	1	L	A	B	E	S	S	G	N	S	J	-	B	N
PRODUCT/TERMINATION																
Single Phase, DIN terminal arrangement (L-L-N-N)	S	K														
SERVICE TYPE																
1-phase 2-wire			1													
CURRENT RANGE																
10-60A DIN (Imax any integral of Ib up to 60A, or 65A)				D												
5-60A DIN (Imax any integral of Ib up to 60A, or 65A)				F												
5-85A DIN (Imax any integral of Ib up to 85A)				P												
VOLTAGE																
220 – 250V					A											
FREQUENCY, ACCURACY CLASS																
50 Hz, Class 1 kWh (IEC62053-21) – see note 1, Cl. B kWh,(EN 50470-3)						B										
50 Hz, Class 2 kWh (IEC62053-21) – see note 1, Cl. A kWh,(EN 50470-3)						C										
TARIFF & HARDWARE CONFIGURATION																
Single Rate, kWh registration							B									
Two-rate, kWh registration, switched to neutral							E									
DISPLAY CONFIGURATION																
Customer specified display configuration								S								
DISPLAY CYCLE, REGISTER SOURCES																
Customer specified display sequence and register sources									S							
TEST INDICATOR(S) (see important note 3)																
Non-modulated 40ms pulses										G						
PULSING/ABSOLUTE OUTPUT(see important note 3 overleaf)																
No pulse or serial data output											N					
SO pulse output, tied to neutral, one auxiliary terminal (2-rate only)											P					
SO pulse output, floating, two auxiliary terminals (1-rate only)											Q					
Absolute serial data output - tied to neutral, one auxiliary terminal (2-rate only, not with 1107)											S					
Absolute serial data output - floating, two auxiliary terminals (1-rate only, not with 1107)											T					
COMMUNICATIONS																
IrDA optical port, data rate set at time of manufacture												S				
OTHER OPTIONS																
DIN: extended terminal cover no cut-out for cables.													J			
DIN: short terminal cover.													K			
Extended DIN terminal cover, with cut-out for cables													T			
Clear short DIN terminal cover, slotted brass large head main terminal screws													Y			
Supplied without terminal cover													Z			
VERSION																
IrDA														-	C	
SPECIAL ADDITIONS																
None available																N
Firmware 2-01167-F (IrDA) – Din version IEC and MID approved																F

Modifications to the meter(s) described according to approval No.**0120/ SGS0086** must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).