

SGS

EC Type Examination Certificate Number: UK/ 0120/ SGS0024

Elster Metering Systems

Tollgate Business Park
Beaconside
Stafford
ST16 3HS

Instrument Identification:

A1700i PB2 & PB3

Polyphase, Direct connected/ Transformer Operated, Credit,
Import/Export, Active/Reactive, Multi Rate, Electricity Meter

Instrument Traceable Number:

UK/ 0120/ SGS0024

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 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 15th September 2008 until 14th September 2018

Issue 5

Certification is based on report number(s)

DUR42781/1/PF/EMA/04 dated 20th January 2005

DUR44513/1/KH/EMA/06 dated 28th April 2006

EMA119410 3p3w 10-100A dated 18th July 2008

EMA119410 3p4w 5-6A dated 24th July 2008

EMA119410 3p3w 5-10A dated 24th July 2008

Notified Body Number 0120

Authorised Signature

Mr J Weaver

CE
0120

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EC Type Examination Cert.

Page 1 of 5
MID-B06E Rev 3

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SGSPAPER
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Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0024

Manufacturer : Elster Metering Systems	
Type of Meter(s) : A1700i PB2 & PB3	
Description of Meter : Polyphase, Direct connected/ Transformer Operated, Credit, Import/Export, Active/Reactive, Multi Rate, Electricity Meter	
Accuracy Class (es) : A, B or C(kWh)	Software Version No. : As below Location : As below
Firmware Version No : 2-01334-B or 2-01334-H or 2-01334-J 2-01333-B or 2-01333-H 2-01327-C or 2-01327-E or 2-01327-J 2-01329-B or 2-01329-G 2-01338-B or 2-01338-H 2-01328-C or 2-01328-E or 2-01328-K	Bill Of Materials No. : Drawing Numbers JG05201W, JG05202F, JG05203G, JG05204H, JG05205G, JG05261F, JG05262E, JG05263F, JG05264E, JG05265C, JG052012B, JG052013B, JG052014F, JG052015D, JG052020A, JG052022A, JG052023A, JG052024A, JG052025A, JG0520100F, JG0526100B
Location : Nameplate	
Meter Location : Indoor	Sealing Type : Wire & Steel Crimp Location : 2 x Under terminal cover
Integrity of Meter : Inaccessible without breaking seals	Temperature Range : -25°C to +55°C
Type of Circuit(s) : Three Phase Four Wire, Three Phase Three Wire, Two Phase Three Wire, Two Phases of Three Phase Four Wire, Single Phase Three Wire, Single Phase Two Wire	Frequency : 50Hz
Current Range(s) (A) : Direct Connection 0.5-10(100)A 0.5-10(60)A 1-20(100)A 2-40(100)A 3-60(100)A Transformer Operated 0.05-5(6)A 0.05-5(10)A	Voltage Range(s) (V) : Direct Connection 63.5V — 240V (L—N) (57.5V on 3p4w) 100V- 415V (L—L) Transformer Operated 63.5V — 240V (L—N) (57.5V on 3p4w only) 100V- 415V (L—L)

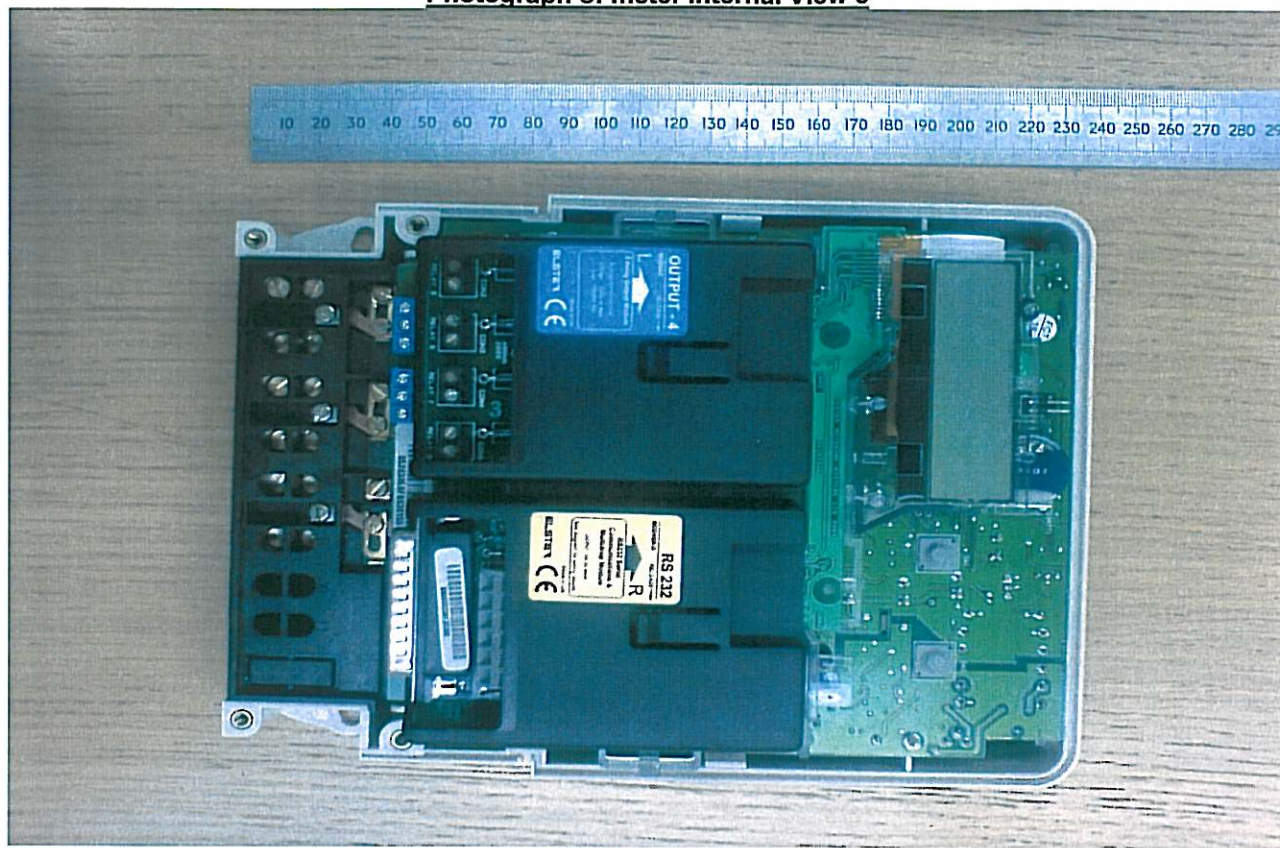
Photograph of meter Internal View 1



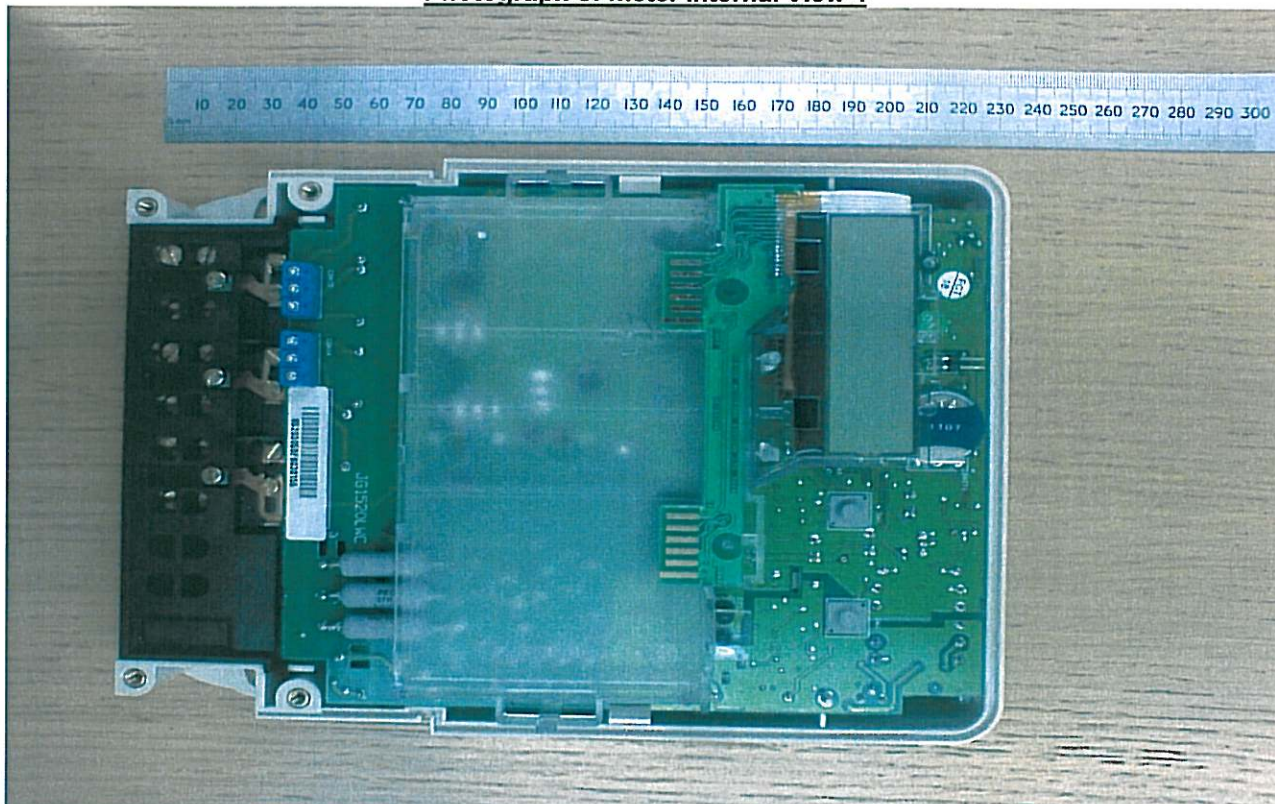
Photograph of meter Internal View 2



Photograph of meter Internal View 3



Photograph of meter Internal View 4



Product Variant Identification Details:

Type Designation	Description of meter
Breakdown of Approved Meter type coding PRODUCT/TERMINATION Polyphase AI700 Vision BS/DIN Termination PB _____ SERVICE TYPE 3 ph 4 wire & 1ph 2w _____ 3 3 ph 3 wire _____ 2 CURRENT RANGE Direct Connected 10A – 100A (EN50470-3) _____ A CT Operated 5A - 6A or 5A - 10A (EN50470-3) _____ C CT Operated 5A - 6A (EN50470-3) _____ F VOLTAGE RANGE 63.5V - 240V (L–N) (57.5V 3ph 4wire only) _____ A 100V- 415V (L–L) _____ B ACCURACY CLASS Class C 50 Hz (EN50470-3) _____ A Class B 50 Hz (EN50470-3) _____ B Class A 50 Hz (EN50470-3) _____ C HARDWARE CONFIGURATION N:Y:Z:D:E:F:G:H:J:K:L:M:P:Q:W:S:T:U:V:B:C:1:2:3:4:5 _____ * For a description of Hardware Configuration options refer to manufacturer's model code and manual OPERATIONAL MODES C:E:F:G:H:J:K:L:M:N:P:Q _____ * For a description of Operation Modes refer to manufacturer's model code and manual TARIFFS T:N _____ * For a description of Tariff Options refer to manufacturer's model code and manual ACCESS P:N _____ * For a description of Access Options refer to manufacturer's model code and manual COMMUNICATIONS (Module Port B) R:I:J:K:L:N:P _____ * For a description of Communications Options refer to manufacturer's model code and manual AUXILIARY I/O (Module Port A) A:B:C:G:N _____ VERSION (Firmware) (2-01334-B) _____ T (2-01334-B or -H or -J) _____ X (2-01333-B or -H) _____ Z (2-01327-C or -E or -J) _____ 2 (2-01329-B or -G) _____ 3 (2-01338-B or -H) _____ 4 (2-01328-C or -E or -K) _____ 5 * For a description of Firmware Version refer to manufacturer's model code and manual REVISION SUFFIX _____ G	

Modifications to the meter(s) described according to approval No.UK/ 0120/ SGS0024 must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).