

SWORN TRANSLATOR OF ENGLISH

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**CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE -/-**

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Logo and name of the company: PAFAL, APATOR GROUP -/-

**CE DECLARATION OF CONFORMITY -/-**

No 2/2004 (w.2) -/-

Fabryka Aparatury Pomiarowej "PAFAL" S.A., 58-100 Świdnica, ul. Łukasińskiego 26, Poland -/-

FAP „PAFAL” S.A. applies Quality Management System in compliance with the requirements of EN ISO 9001:2000. -/-

<b>Product name</b>	<b>Alternating-Current Electrical Energy Inductive Meter</b>		
<b>Type</b>	<b>C8</b> with the following varieties: <b>a</b> – for indirect and semi-direct measurements <b>b</b> – for reactive energy measurements <b>c</b> – equipped with two-rate register <b>d</b> – equipped with reverse running stop device <b>_</b> - equipped with bidirectional power counter <b>g</b> – equipped with impulse transmitter <b>m</b> – equipped with magnetic bearing <b>p</b> – equipped with a maximum demand indicator <b>r</b> – device suitable for co-operation with power and energy recorders <b>w</b> – equipped with electronic multi-rate register <b>z</b> – equipped with the indicator of incorrect operation of voltage circuits		
<b>Technical data</b>	Meters used for	indirect and semi-direct measurements	direct measurements
	Basic current:	1A	5÷40A
	Maximum current:	6A	20÷160A
	Voltage rating:	3×58/100V; 3×220/380V; 3×230/400V;	3×220/380V; 3×230/400V;
	Measuring overload limits Ib/Imax:	600%	400÷600%
Rated frequency: 50Hz Accuracy class: 2 (active energy) or 3 (reactive energy)			

The product specified above complies with the requirements set out in the following documents: -/-

**The Council Directives: -/-**

- 71/316/EEC of 6<sup>th</sup> July 1971 on the Approximation of the Laws of the Member States relating to common provisions for both Measuring Instruments and Methods of Metrological Control, amended by:-/-

**Council Directive 83/575/EEC** dated 26<sup>th</sup> October 1983 and -/-

**Council Directive 87/355/EEC** dated 25<sup>th</sup> June 1987 -/-

- 76/891/EEC of 4<sup>th</sup> November 1976 on the Approximation of the Laws of the Member States relating to common provisions for Electrical Energy Meters, amended by:-/-

**Council Directive 82/621/EEC** of 1<sup>st</sup> July 1982 -/-

- 89/336/EEC of 3<sup>rd</sup> May 1989 on the Approximation of the Laws of the Member States relating to common provisions for Electromagnetic Compatibility, amended by:-/-

- **Council Directive 92/31/EEC** of 28<sup>th</sup> April 1992 -/-

- **Council Directive 93/68/EEC** of 22<sup>nd</sup> July 1993 -/-

**Applied standards: -/-**

**PN-93/E-06504:1993, EN 60521:2000, IEC 60521:1988** - Class 0,5; 1 and 2 Alternating-Current Watt-Hour Meters -/-

**PN-E-06506:1997, IEC 60145:1963** – Electrical Energy Meters. Class 3 Wattless-Power Meters -/-

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**The product has obtained the following type approvals: -/-**

- Type Approval Decision **RP T 00 150** marked as **ZT 616/2000** issued by the President of the Central Office of Measures dated 17<sup>th</sup> July 2000, amended by: **ZT 616/2000 – 628/2001** of 26<sup>th</sup> July 2001, **ZT 616/2000 – 270/2003** of 29<sup>th</sup> April 2003. -/-

- Type Approval Decision marked as **D02 20.14.51** of 4<sup>th</sup> April 2002 issued by **PTB Germany**, amended on 12<sup>th</sup> November 2002 (to comply with the European Laws). Document drawn up by R. Pankiewicz. -/-

**CONSTRUCTION AND TECHNOLOGY DEPARTMENT** – a rectangular nominal stamp: “Andrzej Bieniasz” – illegible signature -/-

**QUALITY MANAGER**, BoM Representative for Quality Management - a rectangular nominal stamp: “Tadeusz Schmidt” – illegible signature -/-

President of the Board, Managing Director - a rectangular nominal stamp: “Tomasz Plasa” – illegible signature -/-

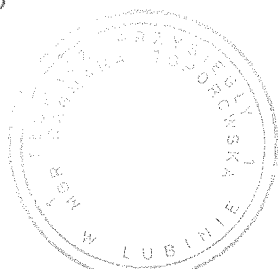
Świdnica, 15<sup>th</sup> October 2004 -/-

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*I, the undersigned sworn translator of English, Dagmara Toporowska, hereby confirm that this translation is consistent with the presented Polish document.*

Lubin, 17<sup>th</sup> February, 2006

ref. No 125/06



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