

# DZT

Deutsche Zähler Technik



## DZT 6006 - 230/400V 10/100A (7) LCD 6+1 MID

Stromarbeitsbereich	Current range	0,25 - 10(100)A
Betriebsspannung	Voltage range	230/400V AC, $\pm 20\%$
Eigenverbrauch	Power of consumption	$\leq 2W$ , 10VA
Genauigkeitsklasse	Accuracy class	B
Frequenz	Frequency	50Hz $\pm 10\%$
Display	Display	LCD 6+1=999999.9kWh
LCD Gesamt Energie	LCD Total Energy	Bezug/Forward + Lieferung/Reverse
Betriebstemperatur	Operating temperature	-25°C ~ 55°C
Lagertemperatur	Storage temperature	-25°C ~ 70°C
Normen	Standards	50470-1/3
Messgröße	Measurement type	Wirkverbrauch/Active energy
Breite	Width	7TE (122mm)
Impulsausgang	Pulse output	1.000 Imp/kWh RL = 1Wh/Imp RA = 1Wh/Imp S0-Standard DIN 43864
Impulslänge	Pulse width	30~80ms
Max. rel. Luftfeuchte	Max. rel. humidity	75% im Mittel/Average, kurzzeitig/Short time value 95%
LED	LED	Impulse rate=Verbrauch/Usage
Registrierte Harmonische Bereich	Registered harmonics range	0.05 - 0.25kHz
Max. Leiterquerschnitt (mm <sup>2</sup> )	Max. terminal wire (mm <sup>2</sup> )	20mm <sup>2</sup>
Isoliervermögen	Insulating property	Wechselspannungswiderstand 4kV für 1min. Stoßspannung 6kV, time interval for 5s
Basisstrom (I <sub>b</sub> )	Basic current	10A
Grenzstrom (I <sub>max</sub> )	Max. current	100A
Betriebsstromspanne	Operating current range	0.4% I <sub>b</sub> -I <sub>max</sub>
Stoßstrombelastung	Surge current load	20 I <sub>max</sub> , time interval for 60s

Dieses Messgerät ist in strikter Übereinstimmung mit den Anforderungen der Richtlinie 2004/22/EG (MID) hergestellt worden. Beispiel MID-Kennzeichnung:

CE **M13** 0120

This meter has been manufactured in strict accordance with the requirements of Directive 2004/22/EC Measuring instrument Directive. This is the MID approval sign:

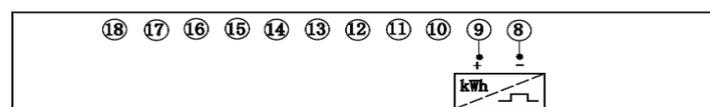
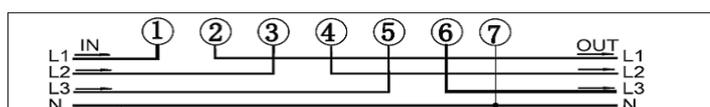
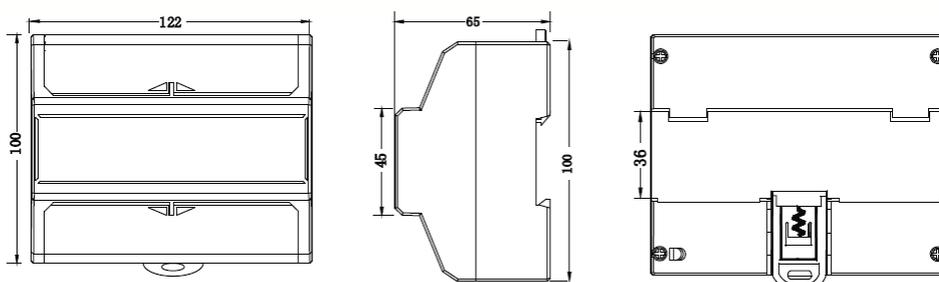
CE **M13** 0120

<b>Information zu Ihrer eigenen Sicherheit und den Haftungsbedingungen</b>	<b>Information for your own information and exclusion of liability</b>
<p>Diese Kurzanleitung enthält nicht alle für die Benutzung des Messgeräts anwendbaren Sicherheitsvorschriften. Weiterhin kann es aufgrund von Unternehmensvorschriften, Landes-oder internationalen Gesetzgebungen erforderlich sein, zusätzliche Maßnahmen zu treffen. Wir haben den Inhalt dieser Anleitung überprüft und alle Anstrengungen unternommen, um sicherzustellen, dass diese Beschreibung so genau wie möglich ist. Dennoch können Abweichungen von der Beschreibung nicht ausgeschlossen werden, weshalb eine Haftung jeglicher Art für Fehler oder Unterlassungen in den dargebotenen Informationen ausgeschlossen wird.</p>	<p>This short manual does not contain every applicable safety regulation for using this meter. Also it might be required because of company, local government regulations or (inter)national laws to take additional measures. We have checked the contents of this manual and every effort has been made to ensure that the descriptions are as accurate as possible. However, deviations from the description cannot be completely ruled out, so that no liability can be accepted for any errors or omissions in the information given.</p>

<b>Qualifiziertes Personal</b>	<b>Qualified personnel</b>
<p>Die Installation und der Betrieb des in diesem Handbuch beschriebenen Gerätes darf nur durch qualifiziertes Personal erfolgen. Nur Personen, die für die Installation, den Anschluss und die Benutzung des Gerätes autorisiert wurden, sowie über entsprechenden Kenntnisse über Kennzeichnung und Erdung von Elektroinstallationen verfügen, sind hierzu gemäß den örtlichen (Sicherheits-) Vorschriften berechtigt und werden als qualifiziertes Personal im Sinne dieser Anleitung erachtet.</p>	<p>Installation and operation of the device described in this manual may only be performed by qualified personnel. Only people that are authorized to install, connect and use this device, who have the proper knowledge about labeling and grounding electrical equipment and circuits and can do so in accordance with local (safety) regulations, are considered qualified personnel in this manual.</p>

<b>Technische Unterstützung</b>	<b>Technical support</b>
<p>Falls Sie Fragen zu einem unserer Produkte haben, wenden Sie sich bitte an Ihren lokalen Anbieter</p>	<p>In case you have any questions about our product, please contact your local supplier.</p>

<p><b>Achtung: Gehäuse ist versiegelt, nicht öffnen! Keine Garantieansprüche bei beschädigtem Siegel oder geöffnetem Gehäuse</b></p>	<p><b>Attention: Case is sealed, do not open the meter! No warranty if case is opened or warranty seal is removed.</b></p>
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- 1/2 Phase line in/out „L1“
- 3/4 Phase line in/out „L2“
- 5/6 Phase line in/out „L3“
- 7/8 Phase line in/out „N“
- 9/8 Pulse output contacts (S0)



We,  
Inepro Metering BV

(supplier's name)

Pondweg 7  
2153 PK Nieuw-Vennep  
The Netherlands

(supplier's address)

declare under our sole responsibility that the products:

6006

Seven module DIN rail Watt Hour Meter

(Name, type or model, batch or serial number, possibly source and number of items)

to which this declaration relates in conformity with the following European harmonized and published standards at date of this declaration:

IEC EN 50470

(Title and or number and date of issue of the applied standard(s))

Following the provisions of the Directives (if applicable):

EMC-directive : 89/336/EC

These conclusions are based on the test reports done by SGS with report numbers : SGS0120

Nieuw-Vennep, 2013, June 14

Place and date of issue

D. van der Vaart

Name of responsible for CE-marking

This declaration of Conformity is suitable to the European Standard EN 45014 General Criteria for Supplier's Declaration of Conformity. The basis for the criteria has been found in international documentation, particularly in ISO / IEC, Guide 22, 1982, Information on manufacturer's Declaration of Conformity with standards or other technical specifications



EC Type Examination Certificate Number: 0120/SGS0120

**Inepro Metering BV**

Pondweg 7  
2153 PK  
Nieuw-Vennep  
The Netherlands

Instrument identification:

6006

**Poly Phase, Active Import/Export, Electricity Meter**

Instrument Traceable Number:

0120/SGS0120

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 M-003 of EC Directive 2004/22/EC

This certificate must 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 27<sup>th</sup> November 2012 until 26<sup>th</sup> November 2022  
ISS/16-1

Certification is based on report number(s)

SHES1207001819M Issued 27<sup>th</sup> November 2012

Authorized Signature

Jan Saunders

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