PRODUCT DATASHEET | KWH1088PRO

0286 PRO2-MB (100AMP) 230V/50HZ M-BUS MID 10KIMP/2TE



DESCRIPTION

The high-quality kWh meters of the PRO series are a must for applications where high accuracy (Class 1) and perfect stability are required for long periods of time. All meters are MID (Measuring Instruments Directive) certified, which means that third parties may be billed for their energy consumption based on this measuring instrument. With the MID, the EU directive guarantees the quality of this measuring instrument for settlement purposes. Also, the MID directive which has been mandatory for almost 10 years, will be actively enforced by Verispect for the leisure industry (covenant RECRON and Verispect) as of 1-1-2017! The PRO meters are made to a Dutch design and have a transparent housing so that the high-quality components in the meter are visible. Due to the small number of modules (1 phase: 1 module, 3 phase: 4 modules) the meter does not take up more space than strictly necessary. The PRO meters can be programmed and also read out via infrared. More than 40 variables can be displayed on the LCD screen: such as kWh, Cos Phi per phase, Power Factor, forward and reverse energy. Almost every version of the meter can measure 2 rates. In addition, the resettable daily counter and the adjustable pulse output (10,000, 2,000, 1,000, 100, 10, 1, 0.1 and 0.01 kWh/hour) are unique characteristics of this product line. Because the total energy can be calculated in 5 different ways, this meter is extremely suitable for green applications such as solar panels, charging stations or home automation. In addition, the PRO meters are ideal as intermediate meters for campsites and marinas. Also, the PRO meters are suitable for application in more industrial environments. This is especially useful for companies that want to become or are ISO 50001 (2012) certified and therefore want to know accurately the energy consumption per machine.



SPECIFICATIONS

Brand:	Inepro
Product type:	1 phase MID
Type of meter:	Electronic
Nom. current (In) :	5 A
Max current (Imax):	100 A
Nominal voltage (Un) N-L :	230 V
Rated voltage (Un) L-L :	195 - 253 V
Frequency:	45 - 55 Hz
Accuracy class:	B
Pool type:	1-phase
Model:	Direct measurement
Energy type:	Working and blind power
Suitable for:	Purchase/delivery
Rate implementation:	Single rate
Rate control:	Internal
Measurement type load curve:	No
Backstop:	Yes
Calibrated:	Yes
Approval:	Measuring Instruments Directive
Pulse output:	Electric
Pulse type:	S0
Pulse rate:	0.01 - 10000 Imp/kWh (kvarh)
Type of indication:	Digital
Mounting method:	DRA (DIN rail adapter)
Width in module units:	2
Implementation of the interface:	M-bus
EDL40 signature:	No
With locking code:	Yes
Number of positions total (counting):	6
Degree of protection (IP):	IP51

Degree of protection (NEMA).:	2

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