



CEWE Secure Prometer 100 - Summary Sheet

The CEWE Prometer 100 from Secure is an MID approved CT operated meter offering precise revenue grade measurements. Our most accurate meter, at class 0.5S, (also available as class 0.2S), it measures both imported & exported energy and can be configured for multiple tariffs using the manufacturer's software.

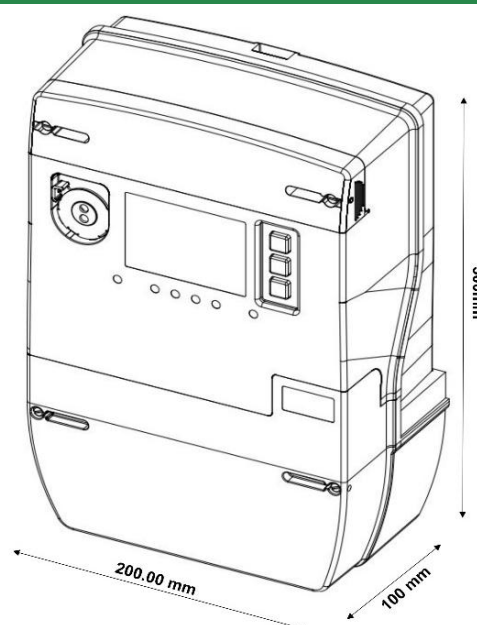
Designed for flexibility, it offers communication modules to support Modbus over RS485 or TCP/IP and it's built in field replaceable battery allows reading of the meter during a power outage. It measures the most common electrical parameters to indicate power quality, including harmonic distortion for both voltage and current.

Specification

Meter Type	Three Phase
Fitting Type	Wall Mounted
Max. Current	5A
MID Approved	Yes
Input Type	CT Operated
Output Type	Pulse & Modbus
Smart	No
Tariffs	Single / Dual / Multiple *
Import / Export	Import & Export
Accuracy Class	Class 0.5S / Class 0.2S / Class C
Fuse Type (Auxiliary)	N/A
Fuse Type (Voltage Ref.)	1A Fast Blow
Availability	Special Order
Brand	CEWE Secure
Country of Manufacture	Sweden

* Can be programmed upon request

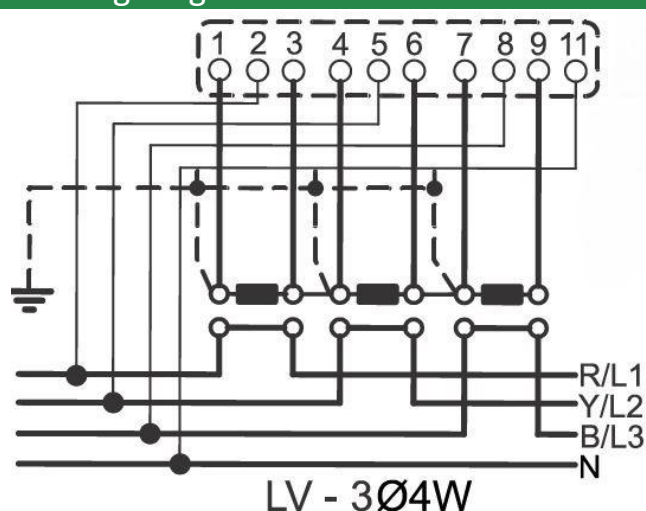
Dimensions



Measured Parameters

Active Energy (kWh)	✓	Line Power Factor (PF)	✓
Active Power (W)	✓	Line Reactive Power (kVAr)	✓
Apparent Energy (kVAh)	✓	Line to Line Voltage (V)	✓
Apparent Power (VA)	✓	Line to Neutral Voltage (V)	✓
Average Current (I)	✓	Maximum Current (I)	✓
Average Power Demands (W)	✓	Maximum Power Demands (W)	✓
Average Voltage (V)	✓	Maximum Voltage (V)	✓
Current (I)	✓	Power Factor (PF)	✓
Current in Neutral (I)	✗	Reactive Energy (kVArh)	✓
Frequency (Hz)	✓	Reactive Power (VAr)	✓
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)	✓
Line Active Power (W)	✓	Total Harmonic Distortion (Volts)	✓
Line Apparent Power (kVA)*	✓	Voltage (V)	✓
Line Current (I)	✓		

Wiring Diagram



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