



S. P. Wales Ltd

Electrical Metering Specialists



Voltaris VPT75M - Summary Sheet

The VPT75M is a compact panel mount energy meter designed for accurate monitoring of single-phase and three-phase electrical systems. Compatible with 1A and 5A current transformer (CT) secondary inputs, it delivers Class 0.5S accuracy for reliable energy measurement.

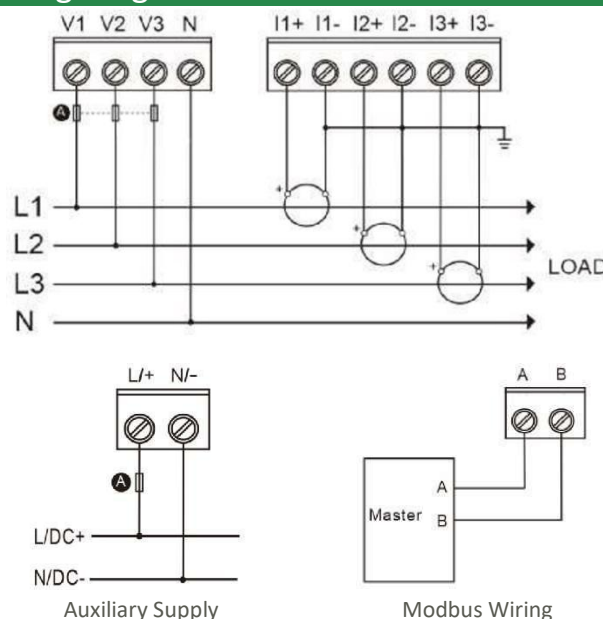
The meter provides comprehensive electrical measurements, including bi-directional energy, voltage, current, active, reactive and apparent power, together with power factor. An integrated RS485 communications port supports Modbus RTU for straightforward integration into energy management and building automation systems.

A clear LCD display with touch-key operation enables convenient viewing of measured values and simple configuration, while password protection helps prevent unauthorised changes to meter settings.

Specification

Meter Type	Three Phase
Fitting Type	Panel Mount
Max. Current (Amps)	5
MID Approved	No
Smart	No
Input Type	CT Operated
Output Type	Modbus
Tariffs	Single
Import / Export	Import & Export
Accuracy Class	Class 0.5S
Fuse Type (Voltage Reference)	500mA
Fuse Type (Auxiliary)	500mA
Availability	Next Day

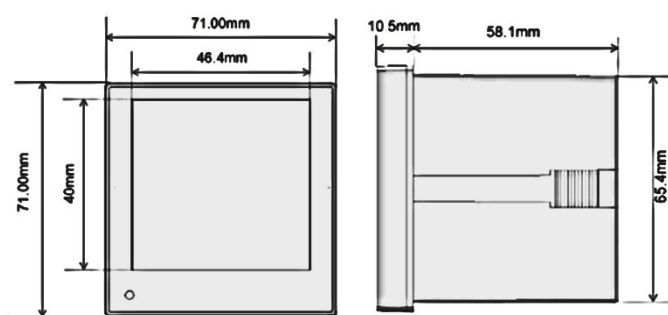
Wiring Diagram



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)	✓		

Dimensions



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