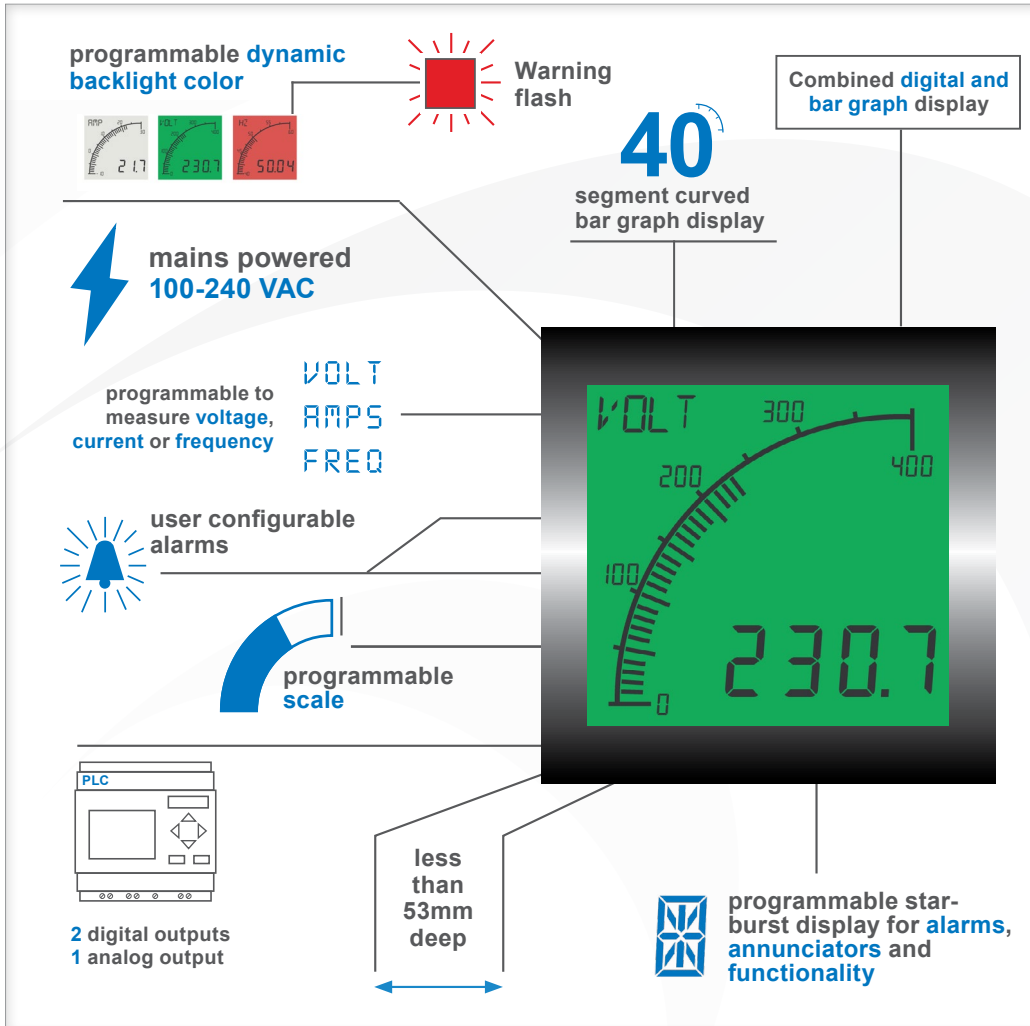




# AC Mains Powered Meter

For measuring volts, amps or frequency

## Advanced Panel Meter (APM)



## Overview

### Measurement:

- Volts: 0-600 AC or DC
- Amps: 0-5A Direct  
0-10,000A via CT
- Frequency: 2Hz-400Hz

### Outputs:

- 2x digital open collector
- 1x analogue 4-20mA

### Input Power

- 100-240VAC

### Configuration:

- PC Application via USB

### Display Options:

- Positive LCD
- Negative LCD



Open-type Measuring  
and Testing Equipment  
E469787

## Key Features

- Mains powered 100-240VAC - no additional power supply needed.
- User configurable to measure voltage, current or frequency via APM application.
- User-programmable bar graph and alarms to immediately alert operators when a parameter is out of range.
- 4 character messaging area displays custom messages, alarms and annunciators.
- Interface to other equipment using digital and analogue outputs.
- Two LCD options: Positive (as shown) for use in bright conditions or Negative for use in darker environments.

Available  
from:

**WESCHLER INSTRUMENTS**  
800-903-9870 440-238-2550  
www.weschler.com info@weschler.com

## Specifications

### POWER SUPPLY

Input	100 - 240VAC
Max Power	1.6W
Supply Frequency	47-63Hz

### ENVIRONMENTAL

Temperature - operating	-10 to +60°C
Temperature - storage	-40 to +70°C
IP rating (from the front)	IP65, NEMA type 4 and NEMA type 12

### DISPLAY

User Configurable Backlight Colours	Red, Green, White
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### ANALOGUE OUTPUT

Output	4-20 mA
Accuracy	0.50 %
Resolution	0.02 mA

### OPEN COLLECTOR OUTPUTS

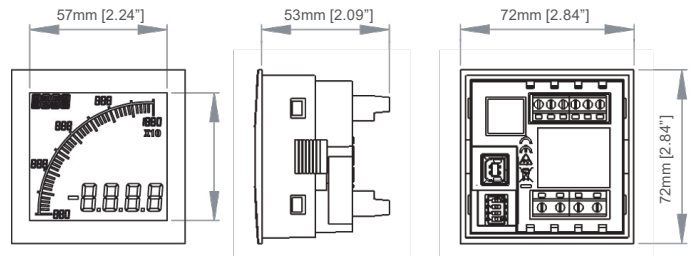
Max voltage (open collector outputs)	34 VDC
Max current (open collector outputs)	500 mA

### CERTIFICATION

CE, RoHS, UL
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### MECHANICAL

Dimensions	72mm x 72mm x 53mm [2.83" x 2.83" x 2.09"]
Cutout	68mm x 68mm [2.68" x 2.63"]
Connection Type	Screw Terminals
Wire Gauge	0.8mm <sup>2</sup> - 3.3mm <sup>2</sup> (18AWG to 12AWG)
Weight	180 grams



## Part Numbers

<b>APM-M2-APO</b>	APM MAINS M2 100-240VAC Positive LCD
<b>APM-M2-ANO</b>	APM MAINS M2 100-240VAC Negative LCD
<b>022128-01</b>	USB Cable

