trumeter
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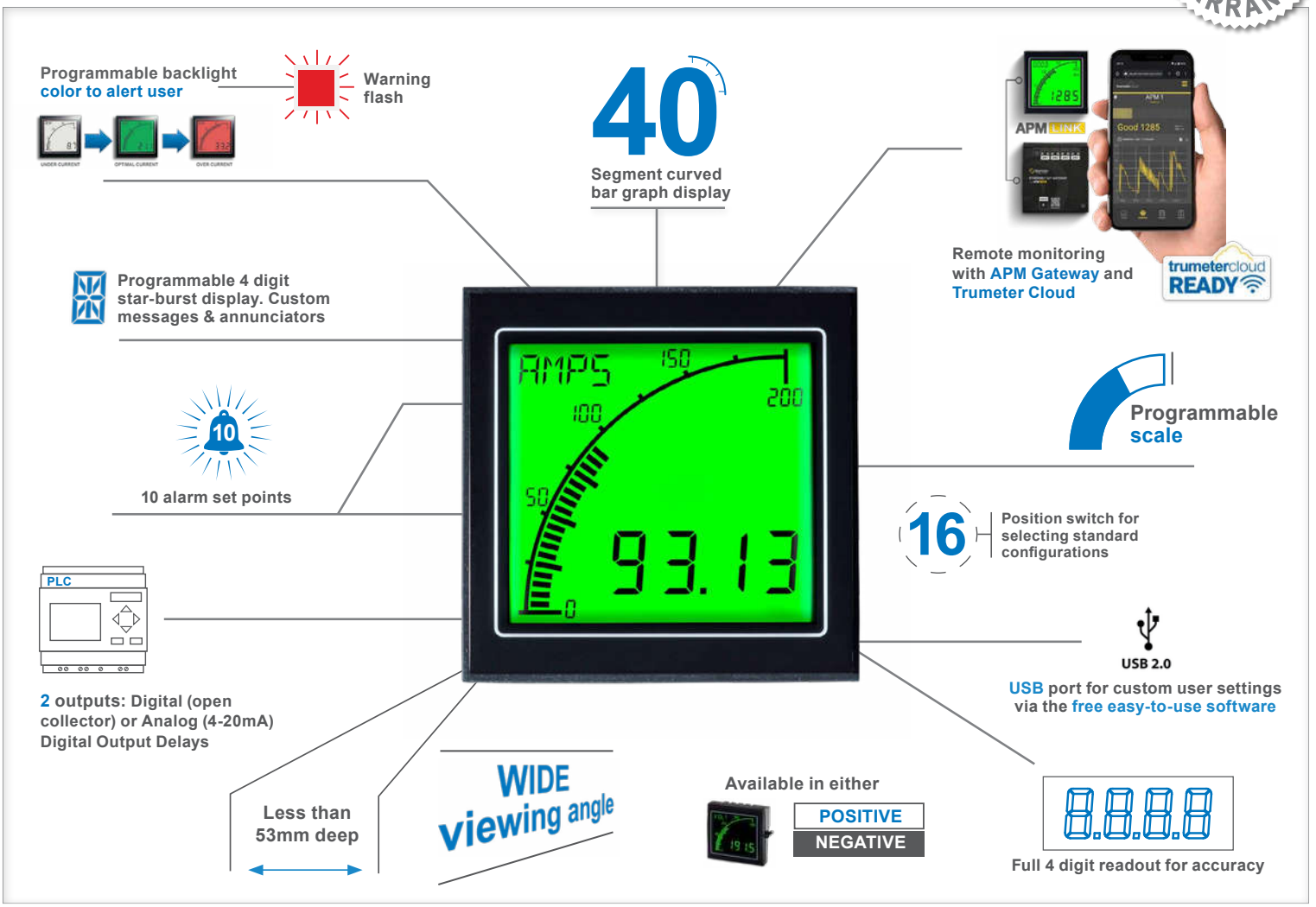
The Advanced Panel Meter

APM Range

EVALUATION KIT AVAILABLE
Contact us to request yours

THREE YEAR 3 WARRANTY

MODELS: Volt Meter, Ammeter, Frequency Meter



The most visible, easy to use, programmable panel meter on the market. The APM provides accurate measurement with an immediate visual indication of critical parameters. It has been designed for engineers who require a more effective way of monitoring and displaying data.

The unique display combines traditional moving coil meters with the latest digital panel meters and it features a multitude of options that can be set using the APM software. The backlight can be programmed to change color to alert the operator when the current or voltage supply is too high or too low, reducing the risk of equipment failing and improving efficiency.

Go to www.trumeter.com/apm for further information

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Key Features

Unique Display

- 40 segment bar graph display
- Large 4 digit display
- Separate Starburst display area for annunciators, messages and alarm information
- Dynamic backlight colour

Visibility

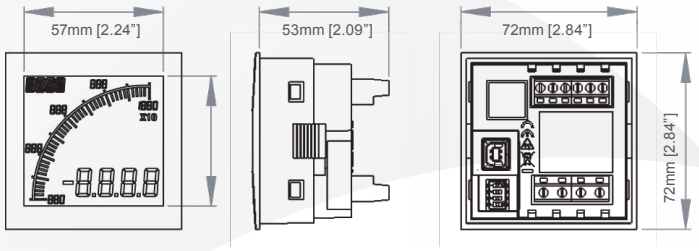
- User adjustable backlight brightness and colour
- Large display
- Wide viewing angle (both horizontal and vertical)
- Custom annunciators
- Positive and negative LCD options for indoor or outdoor environments

Programmable

- Scale (offset, gain and linear) and Range (min and max)
- User selectable backlight color and intensity
- 20 point non-linearization scaling for non-linear sensors e.g. thermocouples and pressure transducers
- Ten independent alarm set-points
- Configurable digital output delays (control the time output stays open/closed - .5 seconds – 120 seconds)

MEASUREMENT	VOLT	AMP	FREQUENCY
Input range (DC)	0 - 600V	0 - 5A	-
Input range (AC)	0 - 600V	0 - 5A	2 - 400Hz
Max Using CT		10,000A	
Accuracy	1%	1%	0.5%
Display modes		Peak or RMS	
ENVIRONMENTAL			
Temperature - operating		-10 to +60°C	
Temperature - storage		-40 to +70°C	
IP rating (from the front)		NEMA 4 & 12 (UL50) with IP65	
POWER SUPPLY			
Nominal Input (AC or DC)		12-24 VAC/VDC	
DISPLAY			
Number of digits		4	
Digit height		12mm [0.47"]	
Digit height of annunciator		6mm [0.23"]	
Number of message characters		4	
Backlight colours		Red, Green, White	
LCD display		Positive or Negative	
OUTPUT MODELS			
Max voltage		34V	
Max current		500mA	
Analogue output		4-20mA	
CERTIFICATION		UL and cUL, CE, UKCA	

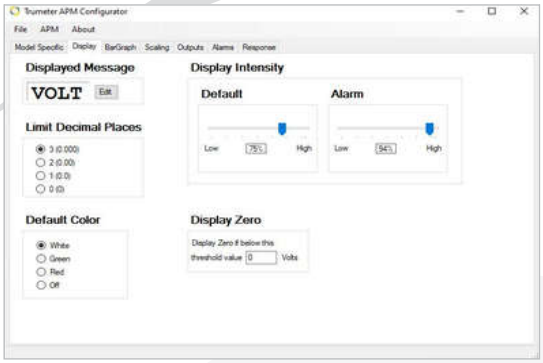
Dimensions:



Panel cutout: 68mm x 68mm [2.68" x 2.68"] as per DIN43700/IEC61554

Easy To Use Software

Just plug into any USB port on your PC, run the freely available APM Configurator application and you're off. No drivers required.



Part Numbers: (POS LCD = Positive LCD; NEG LCD = Negative LCD)

Volt	Description	Amp	Description	Frequency	Description
APM-VOLT-APO	APM VOLT METER, POS LCD W/OUTPUTS	APM-AMP-APO	APM AMMETER, POS LCD W/OUTPUTS	APM-FREQ-APO	APM FREQ METER, POS LCD W/OUTPUTS
APM-VOLT-ANO	APM VOLT METER, NEG LCD W/OUTPUTS	APM-AMP-ANO	APM AMMETER, NEG LCD W/OUTPUTS	APM-FREQ-ANO	APM FREQ METER, NEG LCD W/OUTPUTS
022128-01	USB Cable				
022150-01	APM Evaluation Kit				

We can **customize our APMs** to match your requirements, adding extra **functionality** or **communication protocols** to suit your needs. If you can't find what you're looking for, **ask about our custom solutions!**

custom is our passion



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