



EVALUATION KIT AVAILABLE
Contact us to request yours

CT Meter

AC Current Measurement When Using Current Transformers

Easy to Use. Easy to Read.



High resolution 5A Input
for use with current transformers

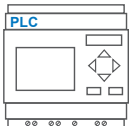
0.5%
Accuracy



Programmable 4 digit
star-burst display. Custom
messages & annunciators



10 alarm set points



2 outputs: Digital (open collector) or
Analog (4-20mA)

NEW Digital Output Delays

(16)

Position switch for
selecting standard
configurations

Less than
53mm deep

WIDE
viewing angle

40
Segment curved
bar graph display

Programmable backlight
color to alert user



Warning
flash



Remote monitoring
with APM Gateway and
Trumeter Cloud



Programmable
scale



USB 2.0

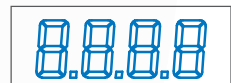
USB port for custom user settings
via the **free easy-to-use software**

Available in either



POSITIVE

NEGATIVE



Full 4 digit readout for accuracy

Featuring an acclaimed easy-to-read display, combined with easy-to-use programming software and a high resolution input, the CT Meter is designed specifically for use with current transformers.

Accurately measuring up to 10,000 amps when used with an external current transformer, the CT Meter's unique display includes three-color dynamic backlighting and programmable scale, now with 10 alarm set-points, linear and non-linear scaling and delayed alarm activation.

The customizable four-character message display and scalability enable users to tailor the meter to display critical parameters to their desired specifications. The set-points, coupled with the backlighting allows operators to be visually alerted when a parameter is out of range. The two outputs can be used to connect the APM to other systems in the process.

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

Key Features

Unique Display

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

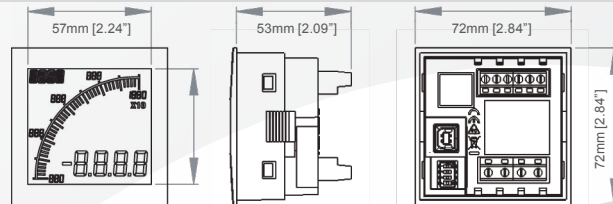
Programmable

- 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)

Visibility

- User-adjustable backlight brightness and colour
- Large display
- Wide viewing angle (horizontal and vertical)
- Custom annunciators

Dimensions:



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

INPUT

Range (CT Output Current)

CURRENT

0 - 5A

Range (via External CT)

0 - 10,000A

Accuracy

0.5%

ENVIRONMENTAL

Temperature - operating

-10 to +60°C

Temperature - storage

-40 to +70°C

IP rating (from the front)

IP65

NEMA rating (from the front)

Type 4 & Type 12 (UL50)

POWER SUPPLY

Nominal Input

12-24VAC or DC

DISPLAY

Number of digits

4

Digit height

12mm [0.47"]

Number of message characters

4

Backlight colours

Red, Green, White

LCD display

Positive or Negative

OUTPUTS

Max voltage

34V

Max current

500mA

Analogue output

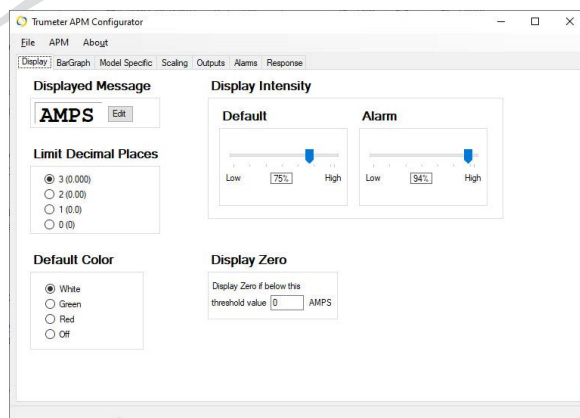
4-20mA

CERTIFICATION

UL, cUL, CE

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:

APM-CT-APO

APM CT Meter, Positive LCD, With Outputs

APM-CT-ANO

APM CT Meter, Negative LCD, With 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!**



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