



CT Meter

AC Current Measurement When Using Current Transformers



Easy to Use. Easy to Read.

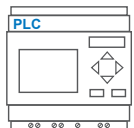
High resolution 5A Input
for use with current transformers

0.5% Accuracy

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



NEW 10 alarm set points



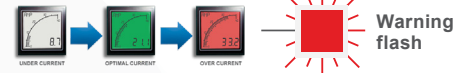
2 digital outputs
1 analog output
NEW Digital Output Delays

Less than
53mm deep

WIDE
viewing angle

40
Segment curved
bar graph display

Programmable backlight
color to alert user



Programmable
scale

Combined digital and bar graph
display

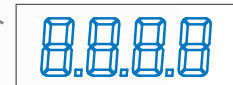
NEW 20 point non-linearization
scaling



USB 2.0

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

16 Position switch for
selecting standard
configurations



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.

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

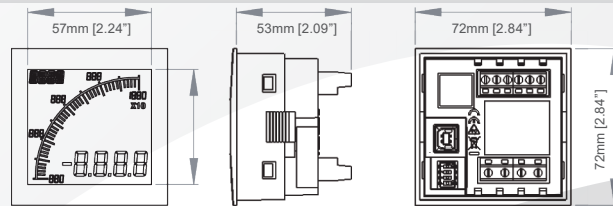
Visibility

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

Programmable

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

Dimensions:



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

INPUT

Range (CT Output Current) 0 - 5A
 Range (via External CT) 0 - 10,000A
 Accuracy 0.5%

CURRENT

0 - 5A
 0 - 10,000A
 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

-10 to +60°C
 -40 to +70°C
 IP65
 Type 4 & Type 12

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

4
 12mm [0.47"]
 4
 Red, Green, White
 Positive or Negative

OUTPUTS

Max voltage 34V
 Max current 500mA
 Analogue output 4-20mA

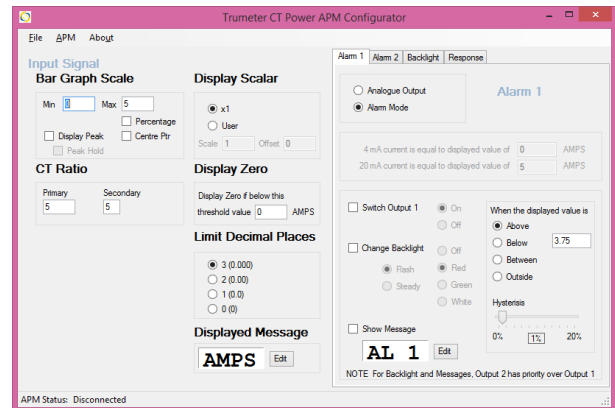
34V
 500mA
 4-20mA

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-ANO
 022128-01

APM CT Meter, Positive LCD, With Outputs
 APM CT Meter, Negative LCD, With Outputs
 USB Cable

BY REQUEST: Modbus Connectivity

APM-CT-APS
 APM-CT-ANS

APM CT Meter, Positive LCD with Modbus
 APM CT Meter, Negative LCD with Modbus

Full specifications available online www.trumeter.com/apm

