



AC CT Meter

Advanced Panel Meter

For AC Current Measurement When Using Current Transformers



Featuring an acclaimed easy-to-read display, combined with easy-to-use programming software and a high resolution input, the CT Meter is the newest addition to the Advanced Panel Meter (APM) product group to measure current.

The CT Meter is designed specifically for use with current transformers. When used with an external current transformer, it can accurately measure up to 10,000 amps. The CT Meter also provides a range of features, such as alarm set-points and threecolor dynamic backlighting.

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.

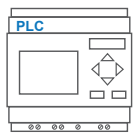
High resolution 5A Input
for use with current transformers

0.5% Accuracy

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



Alarm set points



2 outputs - digital and analogue

Less than 53mm deep

WIDE viewing angle

40
Segment curved bar graph display

Programmable backlight color to alert user



Warning flash

Programmable scale

Combined digital and bar graph display

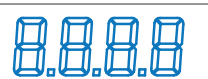


USB 2.0

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

16 Position switch for selecting standard configurations

Available in either
POSITIVE
NEGATIVE



Full 4 digit readout for accuracy



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Key Features

Large multi-format display that incorporates:

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

Programmable:

- Display Range (Both Min & Max Values)
- Custom annunciators
- User-selectable backlight color and intensity
- Two independent alarm set-points
- Two independent outputs
- 4-20mA analog monitor output

INPUT

Range (CT Output Current)
Range (via External CT)
Accuracy

CURRENT

0 - 5A
0 - 10,000A
0.5%

ENVIRONMENTAL

Temperature - operating
Temperature - storage
IP rating (from the front)
NEMA rating (from the front)

-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
Digit height
Number of message characters
Backlight colours
LCD display

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

OUTPUTS

Max voltage
Max current
Analogue output

34V
500mA
4-20mA

CERTIFICATION

UL, cUL, CE

Visibility:

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

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.



Dimensions:



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

Part Numbers:

APM-CT-APN APM CT Meter, Positive LCD
APM-CT-APO APM CT Meter, Positive LCD, With Outputs
APM-CT-ANN APM CT Meter, Negative LCD
APM-CT-ANO APM CT Meter, Negative LCD, With Outputs
022128-01 USB Cable

BY REQUEST

APM-CT-APS APM CT Meter, Positive LCD with Modbus
APM-CT-ANS APM CT Meter, Negative LCD with Modbus