



CT Meter

For AC Current Measurement When Using Current Transformers

Easy to Use. Easy to Read.

Programmable dynamic backlight color

Warning flash

High resolution 5A Input for use with current transformers

0.5% Accuracy

40 segment curved bar graph display

Combined digital and bar graph display

Programmable scale

USB 2.0 USB port for custom user settings

WIDE viewing angle

Full 4 digit readout for accuracy

Programmable 4 digit star-burst display

Custom messages & annunciators

2 alarm set points

Less than 53mm deep

2 physical digital and analog outputs

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 three-color 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, meaning the CT Meter is more than a mere display. Combined with the Shunt and Amp Meters, the APM CT Meter allows Trumeter to offer a complete line of current measurement meters.

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

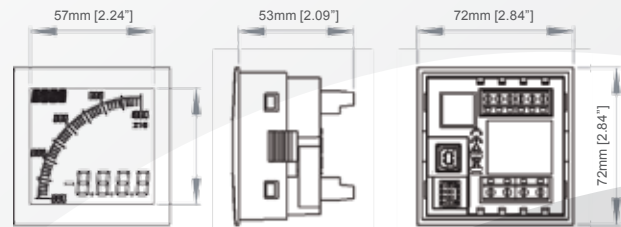
Programmable:

- 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

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)

Range (via External CT)

Accuracy

ENVIRONMENTAL

Temperature - operating

Temperature - storage

IP rating (from the front)

NEMA rating (from the front)

POWER SUPPLY

Nominal Input

DISPLAY

Number of digits

Digit height

Number of message characters

Backlight colors

LCD display

OUTPUTS

Max voltage

Max current

Analog output

CERTIFICATION

CURRENT

0 - 5A

0 - 10,000A

0.5%

-10 to +60°C

-40 to +70°C

IP65

Type 4 & Type 12

12-24 VDC

4

12mm [0.47"]

4

Red, Green, White
Positive or Negative

24V

500mA

4-20mA

UL, cUL, CE



Part Numbers:

APM-CT-APN

APM-CT-APO

APM-CT-ANN

APM-CT-ANO

022128-01

APM CT Meter, Positive LCD

APM CT Meter, Positive LCD, With Outputs

APM CT Meter, Negative LCD

APM CT Meter, Negative LCD, With Outputs

USB Cable

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.



Authorized Distributor:

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