trumeter
innovation by design



CT Meter

AC Current Measurement When Using Current Transformers

EVALUATION KIT AVAILABLE
Contact us to request yours

THREE YEAR 3 WARRANTY

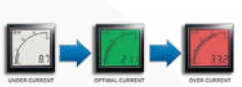
Easy to Use. Easy to Read.

High resolution 5A Input
for use with current transformers

0.5% Accuracy

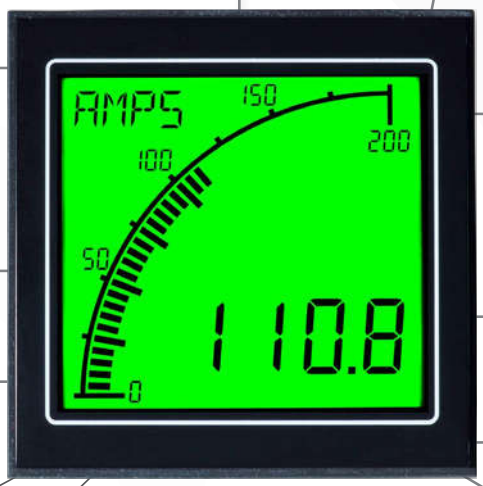
40 Segment curved bar graph display

Programmable backlight color to alert user



Warning flash

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

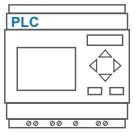


10 alarm set points



Remote monitoring with APM Gateway and Trumeter Cloud

trumetercloud READY



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

Programmable scale

USB 2.0

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

16 Position switch for selecting standard configurations

Less than 53mm deep

WIDE viewing angle

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

trumeter
innovation by design

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

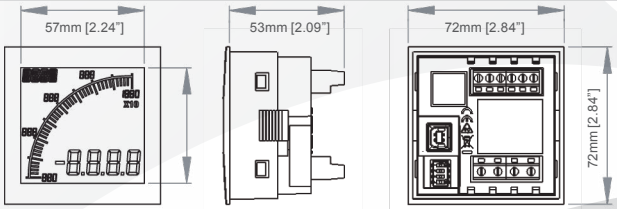
Visibility

- 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
- 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)

Dimensions:

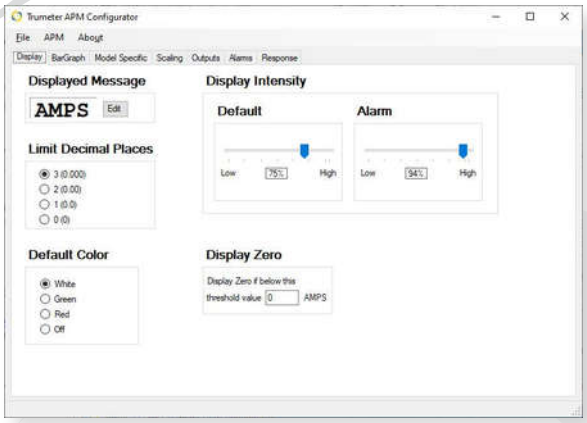


Panel cutout: 68mm x 68mm [2.68" x 2.68"] as per DIN43700/IEC61554

INPUT	CURRENT
Range (CT Output 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.



c UL us LISTED Open-type Measuring and Testing Equipment E469787 CE RoHS

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!**

custom is our passion



www.trumeter.com

Trumeter (The Americas)
6601 Lyons Rd, Suite H-7
Coconut Creek, Florida
FL 33073,
USA
Tel: +1 954 725 6699
Email: sales.usa@trumeter.com

Trumeter (Europe)
Trumeter
Pilot Mill, Alfred Street
Bury, Lancashire
BL9 9JR
Tel: +44 161 674 0960
Email: sales.uk@trumeter.com

Innovative Design Technologies Sdn. Bhd
Lot 5881, Lorong Iks Bukit Minyak 1
Taman Perindustrian Iks, 14000 Bukit Tengah
Penang, Malaysia
Web: www.idtworld.com
Tel: + 604 5015700
Email: sales.my@idtworld.com