



Shunt Meter

For DC Current Measurement

EVALUATION KIT AVAILABLE
Contact us to request yours



Easy to Use. Easy to Read.

0.1%
Accuracy

0 - 1VDC Input

High resolution for DC Current Shunts
Low Side Applications

40

Segment curved
bar graph display



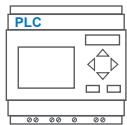
Programmable backlight
color to alert user



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



10 alarm set points



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

Less than
53mm
deep

WIDE
viewing angle

Available in either



POSITIVE
NEGATIVE



Remote monitoring
with **APM Gateway** and
Trumeter Cloud



Programmable
scale



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 and a high resolution input, the Shunt Meter takes the APM into a wide range of new applications, where accurate DC current measurement is required.

The APM Shunt Meter is ideal for DC current measurement applications in marine, leisure, material handling, and industrial applications such as power supplies, load banks and charging systems.

The programmable scale and custom annunciators mean users can tailor the meter to display their critical parameters exactly how they want. Dynamic backlighting, in conjunction with setpoints, means operators are 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 APM Shunt Meter is much more than just a display.

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

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

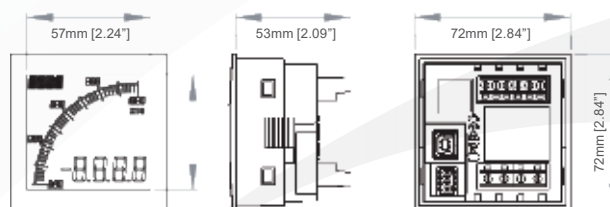
Programmable:

- 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 color
- 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	0 - 1 VDC
Impedance	1 Meg
Accuracy (0-200mV)	0.1% or 0.5mV, whichever is greater
Accuracy (201-1000mV)	0.2%

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 (UL 50)

POWER SUPPLY

Nominal Input	12-24 VDC
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DISPLAY

Number of digits	4
Digit height	12mm [0.47"]
Number of message characters	4
Backlight colors	Red, Green, White
LCD display	Positive or Negative

OUTPUTS

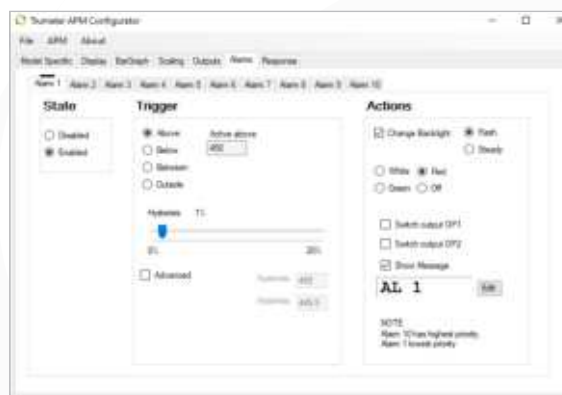
Max voltage	34V
Max current	500mA
Analog output	4-20mA

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-SHUNT-APO	APM SHUNT Meter, Positive LCD, With Outputs
APM-SHUNT-ANO	APM SHUNT 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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