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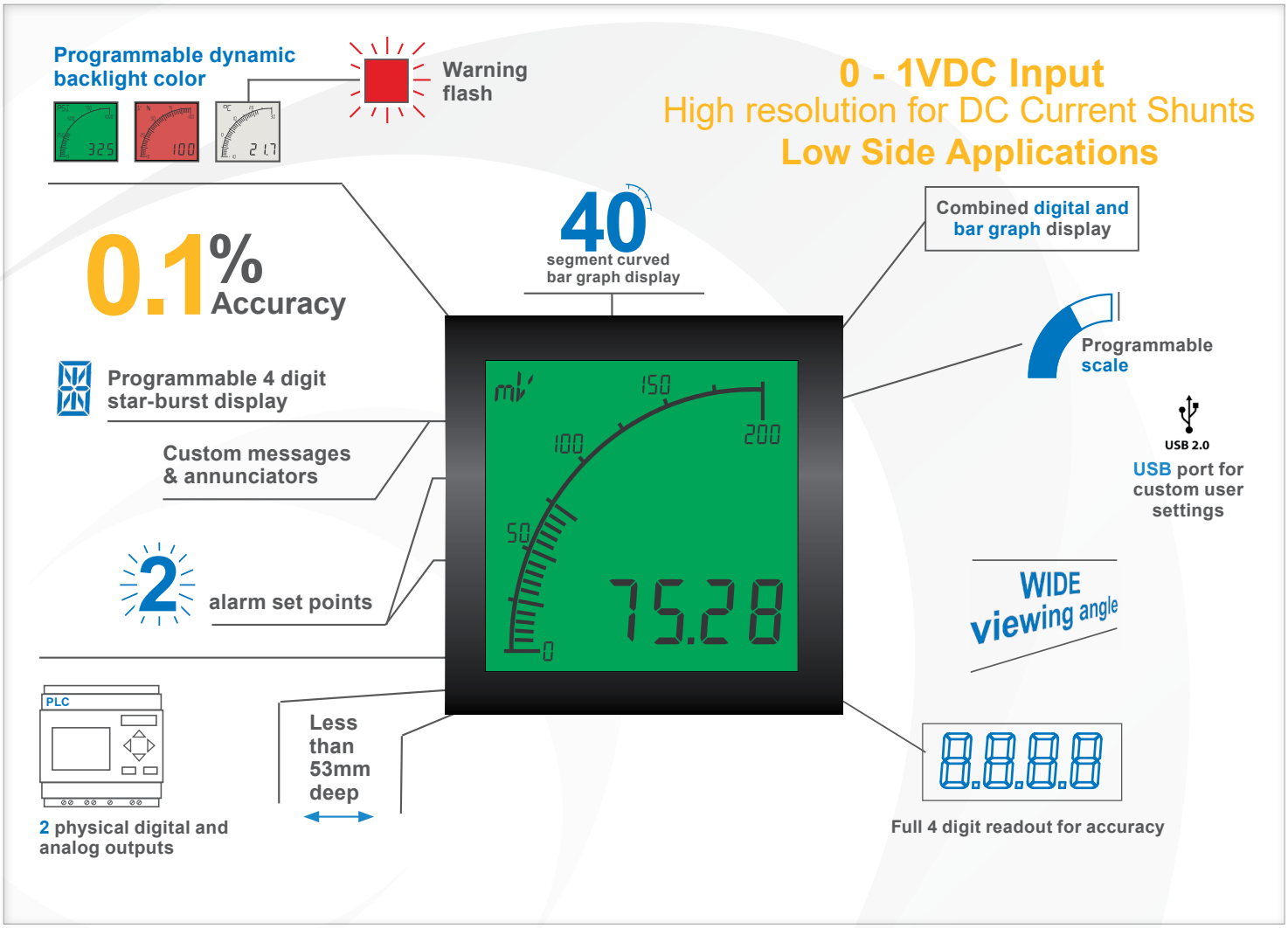
Shunt Meter

For DC Current Measurement

Easy to Use. Easy to Read.



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.

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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

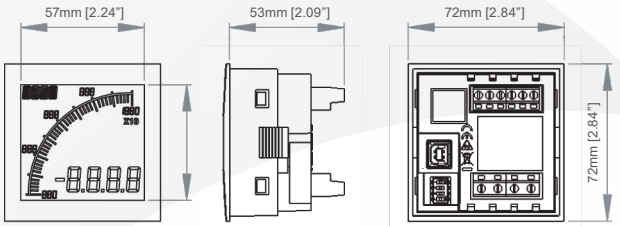
Visibility:

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

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

Dimensions:

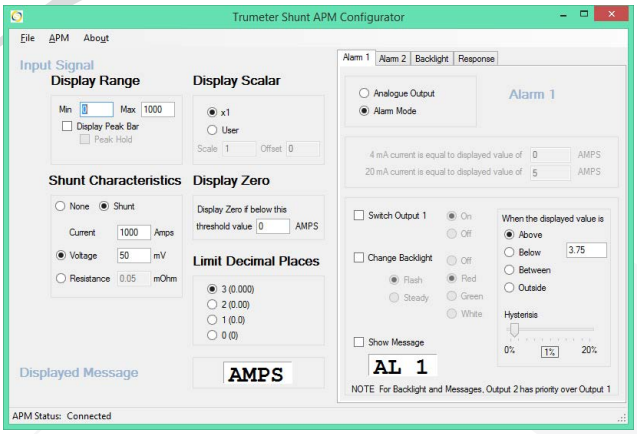


Panel cutout: 68mm x 68mm [2.68" x 2.68"] as per DIN43700/IEC61554

INPUT	**VOLTAGE**
Range	0 - 1 VDC
Impedance	1 Meg
Accuracy	0.1% of signal or 0.5mV, whichever is greater
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
POWER SUPPLY	
Nominal Input	12-24 VDC
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, Postive LCD with outputs
APM-SHUNT-ANO	APM Shunt Meter, Negative LCD with outputs
022128-01	USB Cable

Full specifications available online **www.iseinc.com**

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