trumeter
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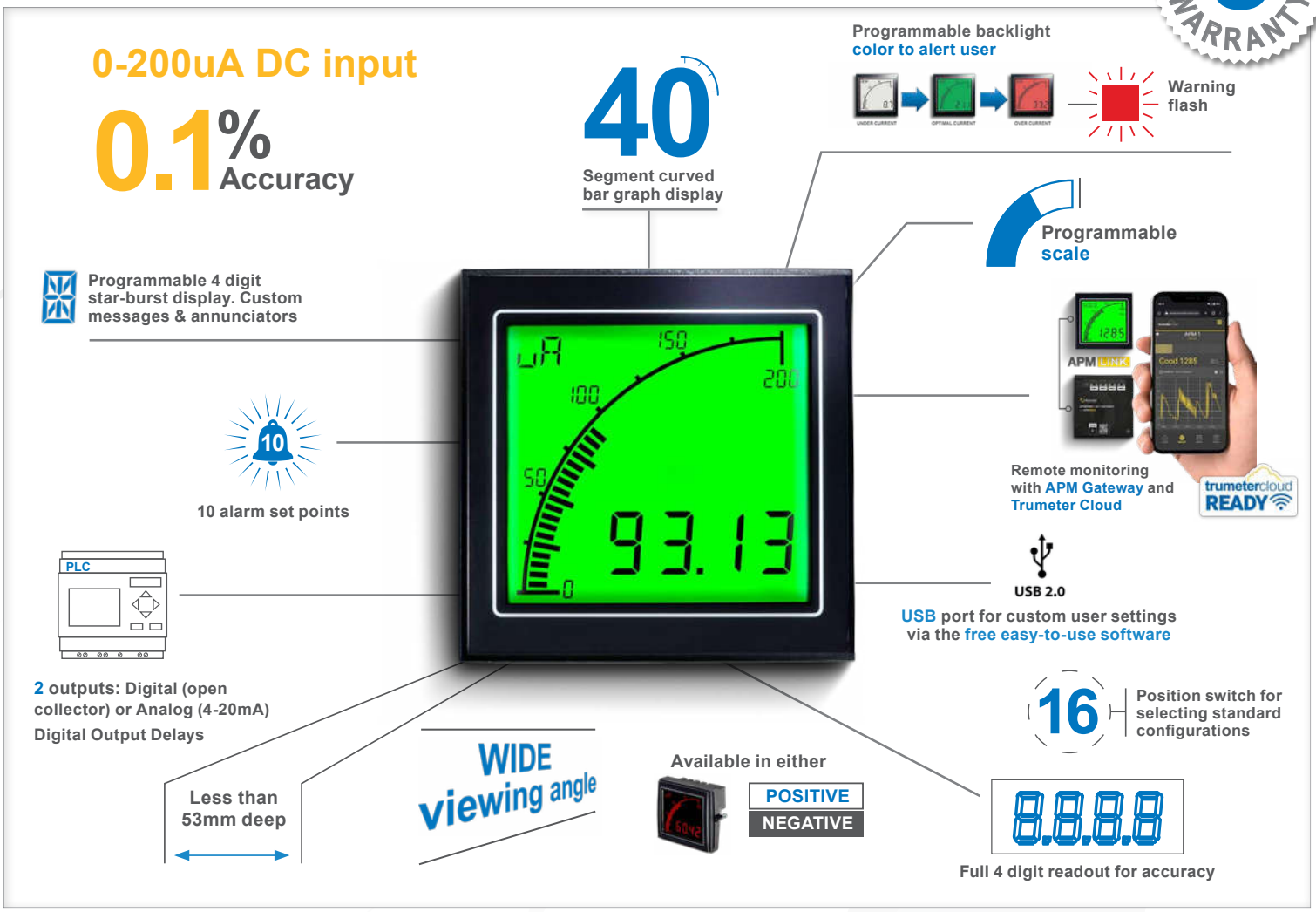
MicroAMP Meter

For DC Current Measurement

EVALUATION KIT AVAILABLE
Contact us to request yours

THREE YEAR 3 WARRANTY

Easy to Use. Easy to Read.



Featuring an acclaimed easy-to-read display and a high resolution input, the MicroAMP Meter is the ideal meter for applications where accurate DC current measurement is required.

With an accurate 0-200uA DC input, the APM MicroAMP 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 while the two outputs can be used to connect the APM to other systems in the process, meaning the MicroAMP is much more than just a display.

See the Quick Start Guide for full specifications ▶

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custom is our passion

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

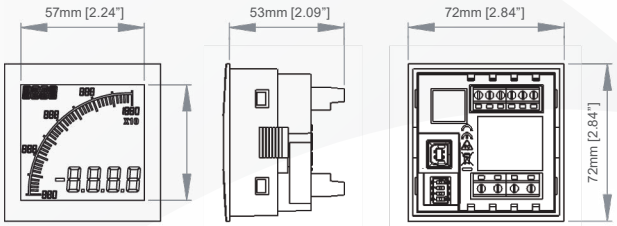
Visibility

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

Programmable

- Scale (offset, gain andlinear) 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:

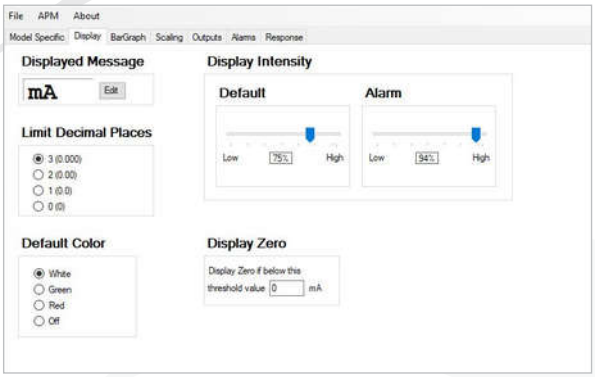


Panel cutout: 68mm x 68mm [2.68" x 2.68"] as per DIN43700/IEC61554

INPUT	
Range	0-200uA DC
Impedance	4700Ω
Accuracy	0.01% of input or 0.5uA 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 (UL 50)
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 (NON ISOLATED)	
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.



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

CE

RoHS

Part Numbers:

APM-MICRO-APO	APM Micro AMP Meter, Postive LCD with outputs
APM-MICRO-ANO	APM Micro AMP 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



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