




**EVALUATION KIT AVAILABLE**  
Contact us to request yours



**Easy to Use. Easy to Read.**

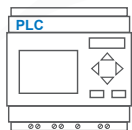
**0-200uA DC input**

**0.1%** Accuracy

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



**NEW** 10 alarm set points



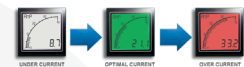
**2 outputs:** Digital (open collector) or Analog (4-20mA)  
**\*NEW\*** Digital Output Delays

Less than 53mm deep

**WIDE**  
viewing angle

**40**  
Segment curved bar graph display

Programmable backlight color to alert user



Programmable scale

Combined digital and bar graph display

**\*NEW\*** 20 point non-linearization scaling



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

**16**

Position switch for selecting standard configurations

Available in either



**8.8.8.8**

Full 4 digit readout for accuracy

**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.

**Go to [www.trumeter.com/apm](http://www.trumeter.com/apm) for further information**

## 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

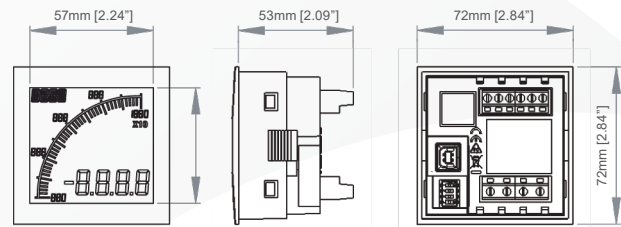
### Programmable

- Scale (offset, gain and linear) and Range (min and max)
- User selectable backlight color and intensity
- **\*NEW\*** 20 point non-linearization scaling for non-linear sensors e.g. thermocouples and pressure transducers
- **\*NEW\*** Ten independent alarm set-points
- **\*NEW\*** Configurable digital output delays (control the time output stays open/closed - .5 seconds – 120 seconds)

### 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	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

### 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

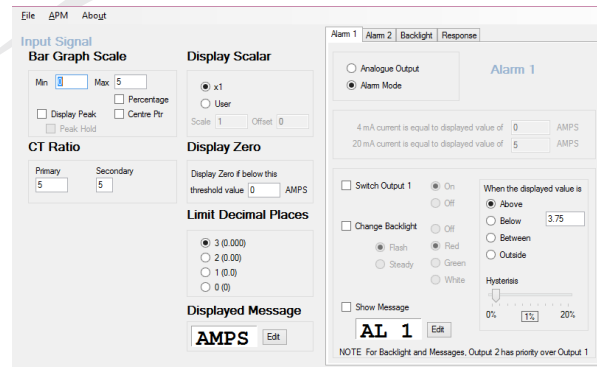
Max voltage	34V
Max current	500mA
Analog output	4-20mA

### CERTIFICATION

UL, cUL, CE, UKCA

## 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-MICRO-APO	APM MicroAMP Meter, Postive LCD with outputs
APM-MICRO-ANO	APM MicroAMP Meter, Negative LCD with outputs
022128-01	USB Cable
022150-01	APM Evaluation Kit

### By Request: Modbus® connectivity

APM-MICRO-APS	APM MicroAMP Meter, Postive LCD with Modbus®
APM-MICRO-ANS	APM MicroAMP Meter, Negative LCD with Modbus®

Full specifications available online [www.trumeter.com/apm](http://www.trumeter.com/apm)



**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