trumeter
innovation by design

MicroAMP Meter
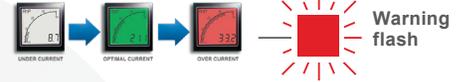## For DC Current Measurement

Easy to Use. Easy to Read.

THREE YEAR WARRANTY 3

0-200uA DC input

0.1% Accuracy

40 Segment curved bar graph display

Programmable backlight **color to alert user**

UNDER CURRENT → OPTIMAL CURRENT → OVER CURRENT

Warning flash

Programmable scale

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

Combined digital and bar graph display

2 Alarm set points

USB 2.0

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

PLC

16 Position switch for selecting standard configurations
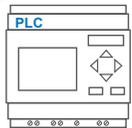
2 outputs - digital and analog

Available in either **POSITIVE** **NEGATIVE**

Less than 53mm deep

WIDE viewing angle

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 takes the APM into a wide range of new applications, where accurate DC current measurement is required.

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 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

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:

57mm [2.24"]   53mm [2.09"]   72mm [2.84"]   72mm [2.84"]
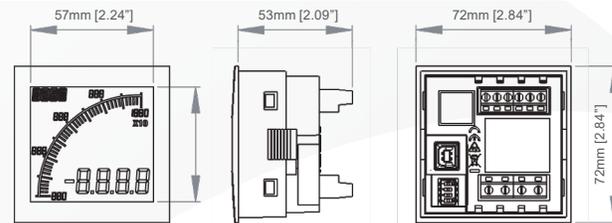
Panel cutout: 68mm x 68mm [2.68" x 2.68"] as per DIN43700/IEC61554

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

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.

Open-type Measuring and Testing Equipment E469787
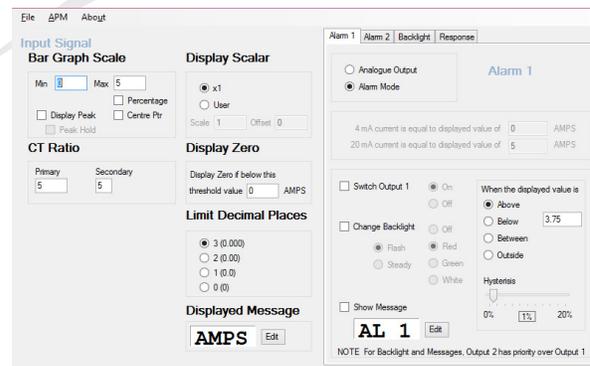
Part Numbers:

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

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**

www.trumeter.com