

Shunt Meter

For DC Current Measurement

Bear

0 - 1VDC Input

High resolution for DC Current Shunts
Low Side Applications

Programmable dynamic backlight color



Warning flash

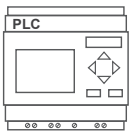
0.1% Accuracy



Programmable 4 digit starburst display. Custom messages & annunciators



user-configurable alarms



digital and analog outputs

Less than 53mm deep

WIDE
viewing angle

40

segment curved bar graph display

Combined digital and bar graph display



programmable scale



USB 2.0

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

The MAK 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 MAK to other systems in the process, meaning the MAK Shunt Meter is much more than just a display.

Specifications

INPUT

Range	0 - 1 VDC
Impedance	1 Meg
Accuracy (0-200mV)	0.1% of signal or 0.5mV, whichever is greater
Accuracy (201-1000mV)	0.2% of full scale

ENVIRONMENTAL

Temperature - operating	-10 to +60°C
Temperature - storage	-40 to +70°C
IP rating (from the front)	Nema 4X & 12 with IP65

POWER SUPPLY

Nominal Input (AC or DC)	12-24 VAC/VDC
Max Power	1.6W

DISPLAY

Number of digits	4
Digit height	12mm [0.47"]
Number of message characters	4
Message character height	6mm [0.236"]
Backlight colors	Red, Green, White

OUTPUTS

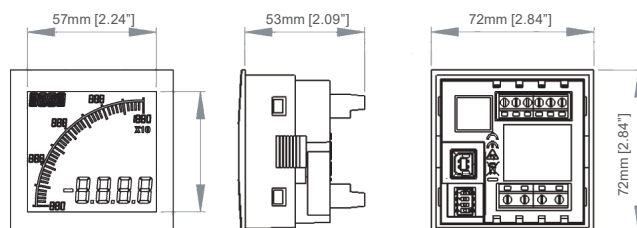
Max voltage	34V
Max current	500mA
Analog output	4-20mA

CERTIFICATION

UL and cUL, CE

MECHANICAL

Dimensions	72mm x 72mm x 53mm [2.83" x 2.83" x 2.09"]
Cutout	68mm x 68mm [2.68" x 2.63"]
Connection Type	Screw Terminals
Wire Gauge	0.8mm ² - 3.3mm ² (18AWG to 12AWG)
Weight	180 grams



Part Numbers

APM-SHUNT-MAK	Shunt Meter, positive LCD with outputs
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