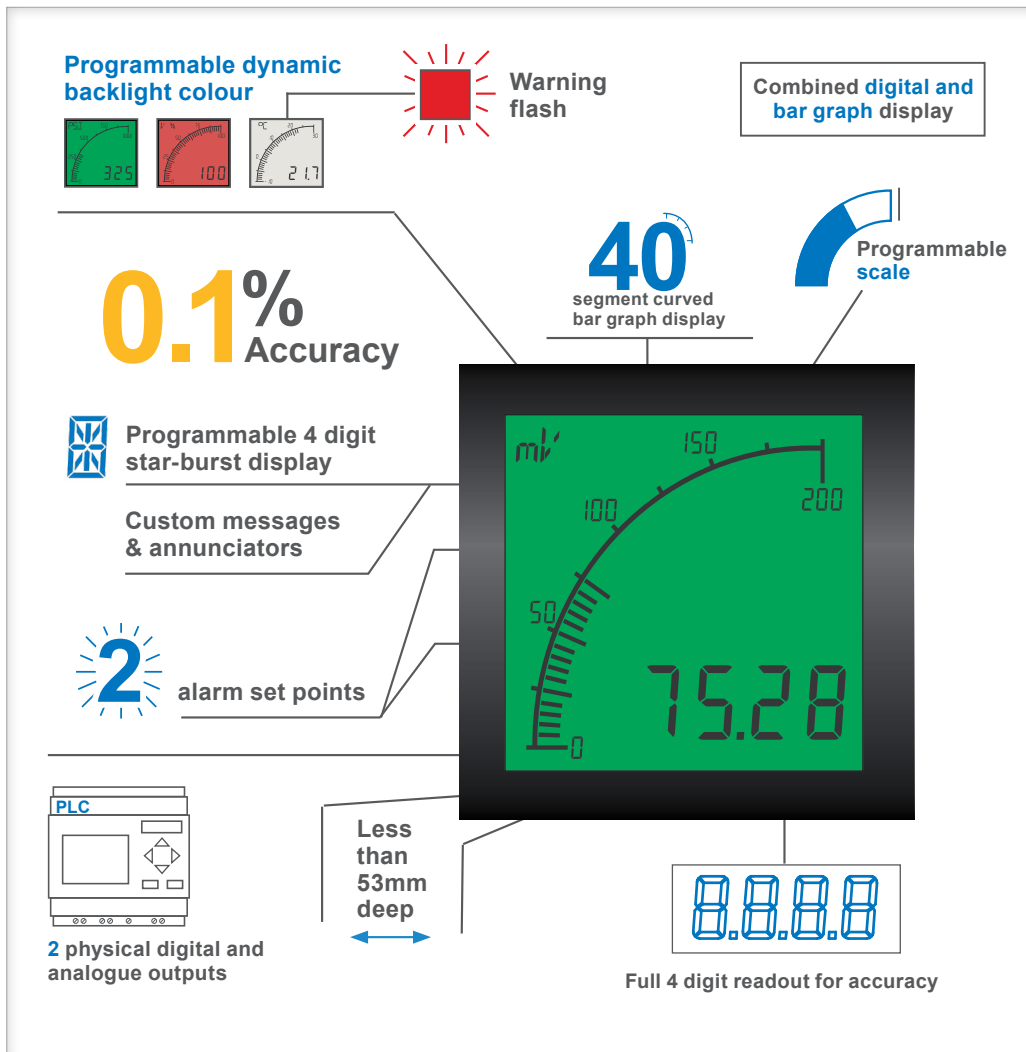


The Next Generation of Panel Meters

Easy to Use. Easy to Read.



Voltmeter:

- AC & DC 600V

Ammeter:

- AC & DC upto 5A Direct

CT Meter:

- AC 0 - 10,000A, using CT

Shunt Meter:

- For DC Applications

Frequency Meter:

- 0 - 400Hz

Process Meter:

- 0 - 10V
- 4 - 20mA

The latest innovative Advanced Panel Meter is now available!

The APM is the most visible, easy to use, multi-format, programmable panel meter on the market. Providing you with the highest level of accuracy and an immediate visual indication of your critical parameters. The APM has been specifically designed for engineers requiring a more effective way of monitoring and displaying data. The APM is a cost-effective alternative to the traditional moving coil and expensive digital panel meters.

The programmable scale and custom annunciator features enable users to tailor the meter to display their critical parameters exactly how they want. Dynamic backlighting, in conjunction with set-points, means operators are able to be 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 is much more than just a display.

APM - Revolutionising the future of panel meters.

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 colour

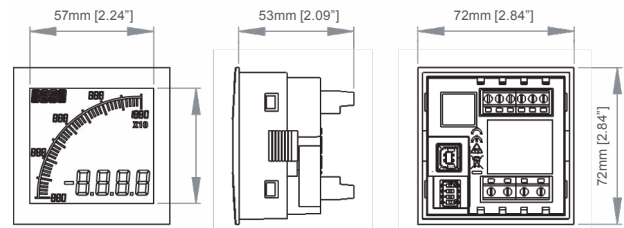
Programmable:

- Display Range (Both Min & Max Values)
- Custom annunciators
- User-selectable backlight color and intensity
- Two independent alarm set-points
- Two independent outputs
- 4-20mA analogue monitor output

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	VOLTMETER	AMMMETER	FREQUENCY	CT	SHUNT	PROCESS
Range	0 - 600 V AC or DC	0 - 5A AC or DC	0 - 400Hz	0 - 5A CT output current	0 - 1VDC	0 - 10VDC
Range	-	-	-	0 - 10,000A via external CT	-	0 - 50mA
Accuracy	1%	1%	1%	0.5%	0.1% of signal or 0.5mV	0.1%
Display modes	Peak or RMS				-	-

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 colours	Red, Green, White
LCD display	Positive or Negative

OUTPUTS

Max voltage	24V
Max current	500mA
Analogue output	4-20mA

CERTIFICATION

CE, RoHS

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.

