



### DPM812 | DPM822

3<sup>3</sup>/<sub>4</sub> digit panel meter with a 40 segment bargraph indication. The unit has a fully auto ranging DCV input to 300VDC and a selectable 4 scale DC ammeter upto 10ADC.

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Sirius range digital panel meter with DCV and DCA input ranges and a wide range of backlight options. Powered by 5VDC to 18VDC and annunciators for units of display which include min max and hold functions. RS232 communications is standard allowing data from the units to be downloaded onto a computer.

#### 1.1.1 Features

- DC Powered 5V-18VDC.
- Green (-TG) or Blue (-TB) LCD Backlight.
- Reverse Polarised versions –RPG (Green) and –RPR (Red)
- 4 digit display and bargraph display.
- Full auto ranging AC voltmeter and semi auto ranging AC ammeter.
- Min and Max values can be displayed.
- Reading DCV, DCI, ACV & ACI, accuracy +/- 2%. 3 decimal places.
- The module will satisfy two requirements
  - DPM812 DC Volts and Current
  - DPM822 AC Volts and Current (all units with RS232 output).
- Measurement by 3 way 5mm pitch screw terminal. Max voltage input 300V AC or DC.
- Designed for 9V battery powered operation.

#### DPM812:

- 5VDC to 18VDC external powered
- Green LCD Backlight on DPM812-TG (utilises existing green size 2 backlights)
- Blue LCD Backlight on DPM812-TB (utilises existing blue size 2 backlights)
- Reverse Polarised Versions DPM812-RPG (Green) and DPM812-RPR (Red)
- DC VOLTAGE input from 1mV to 300V.
- Auto range scales at 400.0mV, 4.000V, 40.00V, 300.0V.
- Current selectable ranges 1uA-4000uA, 0.1mA-400.0mA & 0.1A-10.00A.
- Display of MIN and MAX voltage.
- RS232 communications for downloading data.
- Size 72mm x 36mm DIN with 68mm x 33mm panel cut out.

#### DPM822:

- 5VDC to 18VDC external powered
- Green LCD Backlight on DPM822-TG (utilises existing green size 2 backlights)
- Blue LCD Backlight on DPM822-TB (utilises existing blue size 2 backlights)
- Reverse Polarised Versions DPM822-RPG (Green) and DPM822-RPR (Red)
- AC VOLTAGE input from 1mV to 300V.
- Auto range scales at 400.0mV, 4.000V, 40.00V, 300.0V.
- Current selectable ranges 1uA-4000uA, 0.1mA-400.0mA & 0.1A-10.00A.
- Display of MIN and MAX current.
- RS232 communications for downloading data.
- Size 72mm x 36mm DIN with 68mm x 33mm panel cut out.

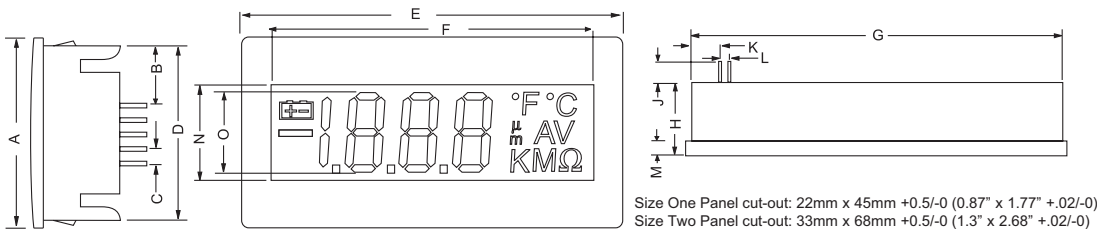
#### Specifications

- Supply Voltage**  
9VDC (min 5V max 18V)
- Display**  
3<sup>3</sup>/<sub>4</sub> digit black LCD, 11mm characters
- Supply current**  
2mA typical
- Sample rate**  
3 per second
- Backlight current**  
40mA
- Accuracy**  
Typical 2%
- Operating Temp.**  
0°C to +50°C
- Storage Temp.**  
-20°C to +70°C.

#### Ordering Information

Order by type number:  
DPM812  
DPM822

#### Product Dimensions



# PRELIMINARY DATA SHEET

SPECIFICATION SUBJECT TO CHANGE