

APM489 AC/DC Current Panel Meter

■ DESCRIPTION

- 4.5 Digit Red LED high-brightness Display.
- Non-Intrusive AC/DC current monitoring.
- No Microprocessor (Analogue / Digital Technology).
- Display can be rescaled using Jumpers.
- Standard 115 / 230Vac supply (24Vdc supply option available).
- High stability & low cost



■ TECHNICAL SPECIFICATION

Input

Current Input Range (AC/DC)

0 - 15A / 0 - 50A / 0 - 100A / 0 - 200A 50/60Hz ac

➤ Other intermediate ranges also available on request.

Over load: 200% of rated range for 10 seconds

Calibration: Span adjustment ≤10% of Span.
Zero adjustment ≤2% of Span.

Decimal Point: Any from 0 to 4 decimal places.

Display LED: 4.5 digits, 0.8"(20.0mm)H red high-brightness

Display range: -0000 ~ 19999; (Default 00.00 to 100.00%)

Response time: ≤400 mS (Typical) Up to 10 sec available on request

Over range: "0000" flash

Operating Temp: 0~60 °C.

Relative humidity: 20~95 %R.H.

Temp coefficient: ≤100 PPM/ °C (23±3°C).
≤300 PPM/ °C(0~50°C).

Storage temp: -10~70 °C.

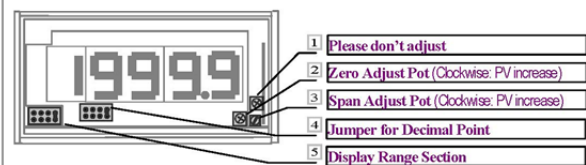
Power supply: AC: 115/230V ±10%, 50/60 Hz.
Option: DC 12 V, 24V, 48V ±10% (Isolated)

Power consumption: DC: 3W, AC: 4.5VA

Dielectric Strength: AC 2.0 KV for 1 min. (Between Power / Input)

Weight: ≤370g

■ ADJUSTMENT



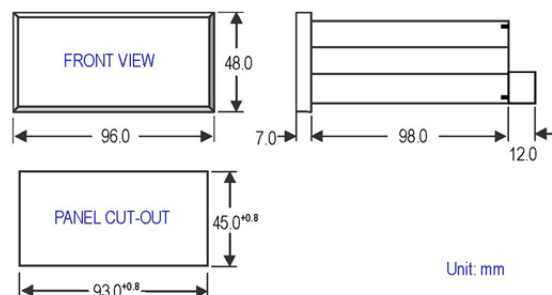
5 Display Range Section:

Section	Jumper	Display Range	Section	Jumper	Display Range
1		19999~17000	5		9000~ 6250
2		17250~13000	6		6250~ 4250
3		13000~ 9000	7		4250~ 3000
4		12000~ 8250	8		3000~ 2000

4 Decimal Point Jumper:



■ DIMENSIONS



■ CONNECTION DIAGRAM

