

APM489-RTD 4.5 Digit Process Indicator

DESCRIPTION

- 4.5 Digit Red LED high-brightness Display.
- Suitable for most Process signals.
- 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

PT100 3Wire RTD

Input Type Typical Input	Lead resistance	Input
Range	Compensation	Impedance

0 - 100°C Input can be specified in the range of -190 to 850°C

> Other ranges available on request. (TC / mA / mV / Hz / Special).

Voltage: 1.2 x rated continuous. **Over load:**

> 1.5 x rated for 10 seconds. Current: 10 x rated for 10 seconds

Yes

250 ohm

Calibration: Span adjustment ≤10% of Span.

Zero adjustment ≤2% of Span.

Decimal Point: Settable to any digit position

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: ≤100 msec.

Over range: "0000" flash

Operating Temp: 0~60 °C.

Relative humidity: 20~95 %R.H.

Temp coefficient: ≤50 PPM/ °C (23±3°C).

≤100 PPM/ °C(0~50°C).

Storage temp: -10~70 °C.

Power supply: AC: 115/230V ±10%, 50/60 Hz.

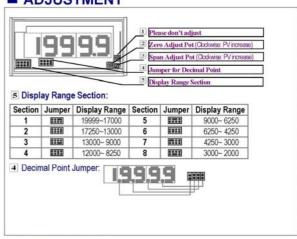
Option: DC 12 V, 24V, 48V ±10% (Isolated)

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

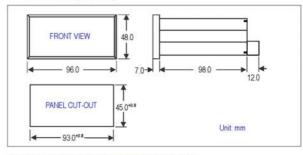
<u>Dielectric Strength:</u> AC 2.0 KV for 1 min. (Between Power / Input)

Weight: ≤370g

ADJUSTMENT



DIMENSIONS



■ CONNECTION DIAGRAM



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