Model PM706 Digital Temperature Meter monitors and displays temperature measurements using a Type K thermocouple input. Meter features dual adjustable set points with 1A relays and a selectable 4-20 mA or 0-10 VDC output signal. View alarm settings by depressing the tactile alarm button on the front panel. The bright red LED display has a floating decimal point and displays temperature in °F or °C. Meter is equipped with overrange indication to alert operator of an open thermocouple or faulty connections. Sealed front panel is rated to NEMA 12 to protect against dust and fluids.

**SPECIFICATIONS**

- Temperature Range: -148 to 1999°F (-100 to 1200°C).
- Input: Type K thermocouple.
- Output: Dual alarm rated 1A @ 250VAC, 4-20 mA with 8V max compliance or 0-10 VDC 1 kΩ min.
- Power Requirements: 115/230 VAC, ±10%, 50/60 Hz.
- Power Consumption: 7 W.
- Accuracy: ±2% at 23°C ambient.
- Display: 4-digit, red, 1/2˝ digits.
- Resolution: 1°F/°C.
- Operating Temperature: 32 to 122°F (0 to 50°C).
- Ambient Temperature Effect: +0.01% of rdg., -0.05° per degree.
- Temperature Coefficient: ±100 ppm/°C.
- Set Point Adjustment: 0 to 2000 counts, adj. within 5 counts or better.
- Read Rate: 2.5 readings/sec.
- Weight: 1 lb (500 g).
- Front Panel Rating: 1/8 DIN, NEMA 12.

**Suggested Specifications**

Temperature meter shall have dual relay alarms and selectable 4-20 mA or 0-10 VDC analog output. Temperature shall be displayed in °F/°C (selectable). The housing shall be suitable for NEMA12 service. Meter shall be Dwyer® Model No. PM706.

---

**Model A-701 Digital Panel Meter**

3-1/2 digit, 0.6” high LED display is combined with an integral 24 VDC power supply to provide a complete digital indicating system when used with Dwyer 2-wire transmitters. Standard unit is supplied to read 0-100.0% and is field adjustable from 1.999 to 1999 for readout of actual engineering units. Panel mounting hardware included. 1/8 DIN size: 1.64”H X 3.59” W X 4.13”D.

**SPECIFICATIONS**

- Power Requirements: 120 VAC ±15%, 50/60 Hz.
- Input Impedance: 40 ohms.
- Accuracy: ±0.05% of reading.
- DC Output: 24 VDC regulated.
- Maximum Current Output: 50 mA.
- Operating Temperature: 32 to 122°F (0 to 50°C).
- Power Consumption: 6 watts.
- Weight: 12 oz (340 g).

Model A-701, Digital Panel Meter