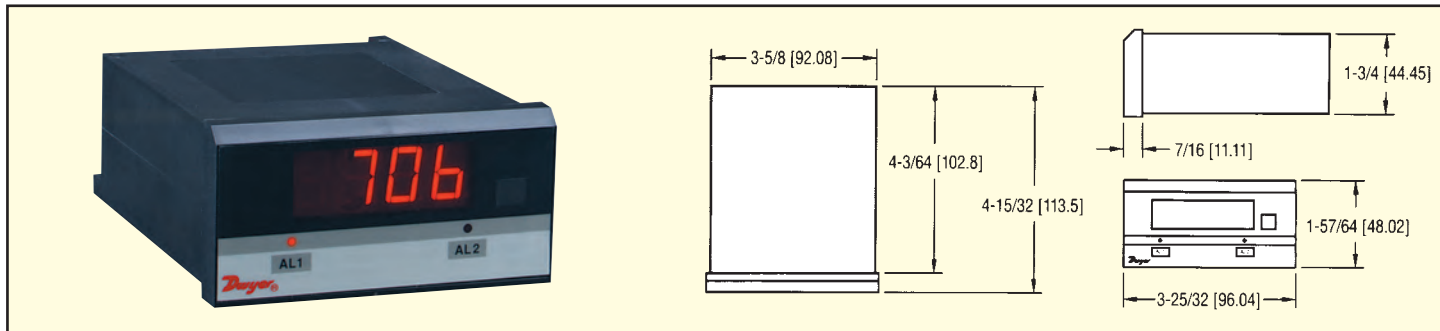




Model
PM706

Temperature Panel Meter

Dual Alarm, Relay and Analog Output



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.

Model PM706, Digital Temperature Panel Meter

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.