

PMD-MXT Series Digital Temperature Scanner Indicator

24 VDC Powered Multi-Point Digital LED Temperature Multiplexing Readout

- Accepts 8, 16, 24 or 32 input channels
- Visible high & low temperature alarm LEDs
- Displays in °F or °C (field selectable)
- Screw terminal connections
- Independent dual HI/LO temperature alarms



Description

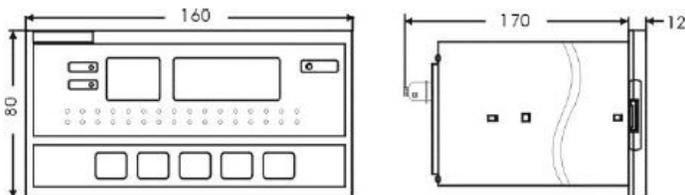
This Thermocouple/RTD scanner is perfect for any multi-point temperature measurement application. The bright red LED display is easy to read, even at a distance.

Splash-resistant front panel keypad is easy to clean & wipe down.

The meter has 2 user-selectable HI/LO, HI/HI, or LO/LO alarm set points, configured through the front panel push buttons. During an alarm condition a front panel LED annunciator is enabled & an internal 2 Amp relay contact output is engaged.

The meter display will cycle through all input channels at a user determined rate of 0.5~10 seconds.

24 VDC powered. A must have for multi-point temperature monitoring in the Lab, control room, or Dynamometer.



Model	Input Channels	Input Type
PMD-MXT	-XX	-XXX
	08 8 channels	RTD RTD
	16 16 channels	THC Thermocouple
	24 24 channels	
	32 32 channels	

Ordering Example

PMD-MXT-24-RTD: 24 input channels, RTD input type

Specifications

Input type:

Thermocouple K, T, J, B, E, N, R, S
RTD PT100, CU100, CU50

Accuracy:

RTD: +/- 1.0% of full scale
Thermocouple: +/- 0.3% of full scale

Resolution:

RTD (0.1° Res): -167.9 to +999.9°F (-189.9 to +596.9°C)
TC (0.1° Res): -167.9 to +999.9°F (-199.9 to +999.9°C)
TC (1° Res): -412 to 3271°F (-257 to 1800°C)

Display:

4-digit LED, 0.56 inch (14 mm high)

Sample Rate:

0.1 second per channel

Power:

20 to 28 VDC @ 400 mA (nominal)

Dimensions:

6.3 inch x 3 inch x 7 inch (160 mm x 80 mm x 182 mm)
(Cutout: 6 inch x 3 inch (152 mm x 76 mm))

Weight:

2 pounds (900 grams)

Relay contact:

250 VAC @ 2 amps (resistance load)

Environment:

0 to 50°C, 90% Max. RH (non-condensing)

