

“SuperLite A” Series Mini Digital Pyrometer with Analog Output

12 VDC Powered Miniature Digital LED Temperature Readout/Amplifier

- Accepts type K thermocouple probe
- Visible high temperature alarm LED
- °F/°C selectable
- Screw terminal connection
- Temperature Peak-Hold capture function
- Analog retransmitting output



Description

This light weight type K thermocouple meter is perfect for any mobile temperature measurement application. The four digit 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 a user-selectable HI or LO alarm set point, configured through the front panel push buttons. During an alarm condition a front panel LED is enabled & an internal 1 Amp relay contact output is engaged.

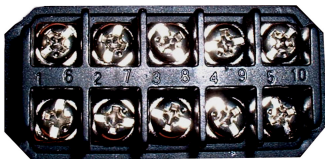
“Super Lite” only 2.1 ounce.

Compact package, faceplate is only 1” tall & 2” wide.

One touch button places meter display in Peak-Hold condition.

Retransmit temperature reading to data logger using analog output function.

12 VDC powered. Perfect for mobile EGT monitoring. Automotive racing, trucks, motorcycles, snowmobiles, etc..



Specifications

Input type	Display Range	Accuracy:
K	-325 to 2372°F (-200 to 1300°C)	+/-0.2% of reading

Other Inputs: T, J, 0-5 V, 1-5 V, 0-20 mA, 4-20 mA

Resolution: 1 °F (1 °C)

Display: 4-digit LED, 0.275 inch (7 mm high)
Sample Rate: 0.25 second update rate (4 Hz)

Power: 9 to 16 VDC @ 150 mA (nominal)

Dimensions: 1 inch x 2 inch x 3 inch (24mm x 48mm x 75mm)
(1/32 DIN)

Weight: 2.1 ounces

Relay contact: 30 VDC @ 1 amps

Analog Output: 0-5 or 1-5 VDC (user selectable)

Environment: 0 to 50C, 85% Max. RH (non-condensing)

Ordering Information

PMD2XT-RD-012-A “SuperLite A” Series 2 Pyrometer, Red Digits

Accessories

PMD-ENC-BLK Protective Box Enclosure, Black



The Sensor Connection

55 East Long Road #505

Troy, MI 48085

Phone: 248-636-1515

Fax: 248-636-4969

Email: Sales@TheSensorConnection.com

Web: www.TheSensorConnection.com