

“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.

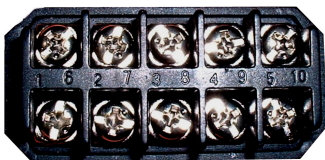
“Super Lite” only 2.1 ounce.

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..



The Sensor Connection

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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 amp

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

