

# "SuperLite" Series Mini Digital Pyrometer with Peak Hold

## 12 VDC Powered Miniature Digital LED Temperature Readout

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



### 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.

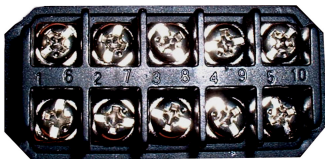
"Super Lite" only 2.1 ounce.

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

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

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

24 VDC powered version is available by request.



### Specifications

<b>Input type</b>	<b>Display Range</b>	<b>Accuracy:</b>
K	-325 to 2372°F (-200 to 1300°C)	+/-0.2% of reading
<b>Other Inputs:</b>	T, J, 0-5 V, 1-5 V, 0-20 mA, 4-20 mA	
<b>Resolution:</b>	1 °F (1 °C)	
<b>Display:</b>	4-digit LED, 0.275 inch (7 mm high)	
<b>Sample Rate:</b>	0.25 second update rate (4 Hz)	
<b>Power:</b>	9 to 16 VDC @ 150 mA (nominal)	
<b>Dimensions:</b>	1 inch x 2 inch x 3 inch (24mm x 48mm x 75mm) (1/32 DIN)	
<b>Weight:</b>	2.1 ounces	
<b>Relay contact:</b>	30 VDC @ 1 amps	
<b>Environment:</b>	0 to 50C, 85% Max. RH (non-condensing)	

### Ordering Information

PMD2XT-RD-012-0 "SuperLite" Series 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