

# THE SENSOR CONNECTION

## TSC Sensors® “Super Lite”™ Series Digital Pyrometer

### 12 VDC Powered Miniature LED Temperature Readout/Amplifier

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



“Super Lite” Series LED Pyrometer

### 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 2 Amp relay contact output is engaged.

“Super Lite” only 2.1 ounce.

Retransmit temperature reading to data logger using analog output function.

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.



### Specifications

<b>Input type</b>	<b>Display Range</b>	<b>Accuracy:</b>
K	-40 to 2372°F (-40 to 1300°C)	+/-0.3% of reading
<b>Resolution:</b>	1°F (1°C)	
<b>Display:</b>	4-digit LED, 0.275 inch (7 mm high) 0.25 second update rate (4 Hz)	
<b>Power:</b>	9 to 16 VDC @ 150 mV (nominal)	
<b>Dimensions:</b>	1 inch x 2 inch x 3 inch (24mm x 48mm x 75mm) (1/32 DIN) 2.1 ounces	
<b>Relay contact:</b>	115VAC @ 2 amps	
<b>Analog Output:</b>	0-20 or 4-20 mA (0-5 or 1-5 VDC w/ included 250Ω resistor)	
<b>Environment:</b>	0 to 50C, 85% Max. RH (non-condensing)	

### Ordering Information

PMD-RD-000-0000-PH-0 “Super Lite” Series LED Thermometer

### Accessories

PMD-EB-000-0000-00-B Protective Box Enclosure, Black

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