

This rugged and versatile digital indicator accepts signals from any of 5 thermocouple inputs, 3 wire 100 ohm platinum RTD's, or from devices with 4 to 20 mADC process signal outputs. The instrument is front panel configurable for the selection of the input signal device, degrees F or C display, numerical resolution, and for the desired display scale range for current inputs. Thermocouple and RTD inputs have fixed display ranges. Input power selection of 120 or 240 VAC is jumper selectable. This meter is packaged in a 1/8 DIN metal case, and when supplied with optional gasket seal, it is suitable for use in "washdown" applications. The 4 digit LED display (with high intensity red characters .54" high) provides easy readability. Microprocessor based technology and full component "burn-in" allow "no calibration required" years of trouble free operation.



## FEATURES

- Front panel selection of input signal device and operating parameters
- Operator lockout
- Non-volatile memory
- Customer configurable display scaling
- Open sensor, under and over range display
- Optional integrally mounted input selector switch
- Optional alarms
- Optional 24 VDC power supply output

## STANDARD PANEL METER SPECIFICATIONS

METER RANGES		
Type J Thermocouple	-320 to 2190°F	(-196 to 1200°C)
Type K Thermocouple	-320 to 2500°F	(-196 to 1370°C)
Type T Thermocouple	-320 to 750°F	(-196 to 400°C)
Type E Thermocouple	-320 to 1832°F	(-196 to 1000°C)
Type N Thermocouple	32 to 2370°F	( 0 to 1300°C)
Platinum RTD (100 ohm-.00385 T.C.)	-200 to 1300°F	(-129 to 700°C)
4 - 20 mADC	Scaleable	

<b>Power Supply:</b>	120 or 240 VAC 50-60HZ (Field Changeable) 12 or 24 VDC (Factory Installed)	<b>Ambient Temp. Limits:</b> 32 - 122°F (0 - 50°C)
<b>Overall Accuracy:</b>	RTD or Thermocouple ± 1°F (± .6°C) 4-20 mA ± .1%	<b>Case Dimensions:</b> 1/8 DIN (48 x 96 x 148mm) (1.89" x 3.78" x 5.83")
<b>Input Impedance:</b>	47 M Ohms (Thermocouple Inputs)	<b>Case Material:</b> Anodized Aluminum
<b>RTD Excitation Current:</b>	.25 mA	<b>Bezel Material:</b> ABS Plastic
<b>Resolution:</b>	.1 or 1° (Automatic 1° above 999.9) RTD or Thermocouple Inputs .001, .01, .1, or 1 Digit on 4-20 mA Inputs	<b>Display Lens Material:</b> Textured Lexan
<b>Conversion Rate:</b>	2.5 per Second	<b>Weight:</b> 1.3 Lbs. (21 oz.)
<b>Display:</b>	4 Digit, Alpha Numeric, High Intensity Red LED's (.54" high)	<b>Connections:</b> Screw Terminal
<b>Display Indications:</b>	Under - Underrange Over - Overrange Open - Input Range	<b>Auxiliary Power Supply Option:</b> 24 VDC (30 mA max.)
		<b>Alarm Contact Option:</b> SPDT Relay(s) 8A @ 250 VAC 8A @ 30 VDC