

# Model 9860 TEDS High Speed Self-Configuring Digital Indicator

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- Sample rate 120 readings per second
- 4 limit setpoints with solid s/h relays
- Programmable analog output,  $\pm 10$  VDC and 4–20 mA, 2000 Hz bandwidth
- 5 digit bipolar LED display
- Nonlinearity  $< \pm 0.01\%$
- Front panel shunt calibration
- Peak and valley monitoring
- Remote and front panel tare
- Powers four 350 ohm load cells
- Designed for CE compliance
- Bidirectional RS-232



**NEW!**  
**TEDS Built In**



## STANDARD CONFIGURATION

9830-110-1 110V with  $\pm 10$ V analog output

## OPTIONS

- Bench top enclosure
- External Relay Board
- Cable

## SPECIFICATIONS

<b>EXCITATION</b>	
Excitation Voltage	5, 10 VDC (jumper selectable)
Current	60, 120 mA respectively
<b>PERFORMANCE</b>	
Maximum Display Range	$\pm 99,999$
Display Update	5/sec
Internal Resolution	$\pm 32,768$ counts
Signal Input Range	$\pm 50$ mV
Sensitivity	0.8 $\mu$ V/count
Readings Per Second	120
Maximum Error	0.01% of reading $\pm 1$ count
CMR	120dB
Scalable Analog Output	$\pm 10$ VDC and 4–20 mA (self-calibrating)
RS232 Output	
<b>ENVIRONMENTAL</b>	
Operating Temperature	14 to 122°F –10 to 50°C
Relative Humidity – MAX	90% at 104°F, non-condensing
<b>POWER</b>	
AC	100 to 250 VAC 50–60 Hz
Power Consumption	6 watt
<b>MECHANICAL</b>	
Size	3.78" W $\times$ 1.89" H $\times$ 5.1" D (96mm $\times$ 48mm $\times$ 130mm)
Weight	1.3 lb (575g)
Display	LED 14 segment, 0.4" H
Panel Cutout	3.62" W $\times$ 1.77" H (92mm $\times$ 45mm)