

Model 9860 TEDS High Speed Self-Configuring Digital Indicator

- Sample rate 120 readings per second
- 4 limit setpoints with solid s/h relays
- Programmable analog output, ± 10 VDC and 4–20 mA, 2000 Hz bandwidth
- 5 digit (with dummy zero) 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
- Automatic TEDS calibration



ACCESSORIES

- Bench top enclosure
- Cable



SPECIFICATIONS

EXCITATION

Excitation Voltage	5, 10 VDC switch selectable (internal)
Current	60, 120 mA respectively

PERFORMANCE

Maximum Display Range	$\pm 99,999$
Display Update	5/sec
Internal Resolution	$\pm 32,768$ counts
Signal Input Range	± 25 mV, ± 50 mV (switch selectable)
Sensitivity	$0.8 \mu\text{V}/\text{count}$
Readings Per Second	120
Maximum Error	0.01% of reading
CMR	± 1 count
Scalable Analog Output	120 dB
RS232 Output	± 10 VDC and 4–20 mA (self-calibrating)

ENVIRONMENTAL

Operating Temperature	14 to 122°F
Relative Humidity – MAX	-10 to 50°C
	90% at 104°F, non-condensing

POWER

AC	100 to 250 VAC
	50–60 Hz
Power Consumption	6 watt

MECHANICAL

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)