

9860 TEDS HIGH SPEED SELF-CONFIGURING DIGITAL INDICATOR

FEATURES & BENEFITS

- Bright-6 digit bipolar LED display ($\pm 32,768$ counts)
- 0.01% accuracy
- Fast, direct, scaleable analog output with 1000 Hz bandwidth
- 230 readings per second
- Peak and valley monitoring
- 4 calibration modes: mV/V, applied load, shunt and TEDS plug & play
- Excitation sense
- 4 limit setpoints with open controller outputs
- Front panel shunt and tare
- Remote tare

SPECIFICATIONS

EXCITATION		
Excitation Voltage – VDC		10
Current – mA		60, 120 (respectively)
PERFORMANCE		
Maximum Display Counts		$\pm 999,999$
Display Update/sec		5
Internal Resolution Counts		$\pm 32,768$
Signal Input Range – mV		$\pm 25, \pm 50$ (switch selectable)
Sensitivity – $\mu\text{V}/\text{count}$		0.8
Readings Per Second		230
Maximum Error – % \pm count		0.01 of reading ± 1
CMR – dB		120
Scalable Analog Output – VDC & mA		± 10 & 4-20 (self-calibrating)
RS232 Output		
ENVIRONMENTAL		
Operating Temperature	$^{\circ}\text{C}$	-10 to +50
	$^{\circ}\text{F}$	+14 to +122
Relative Humidity – %	$^{\circ}\text{C}$	90% at 40, non-condensing
	$^{\circ}\text{F}$	90% at 104, non-condensing
POWER		
AC	VAC	100 to 250
	Hz	50-60
Power Consumption – w		6
MECHANICAL		
Dimensions - W x H x D	mm	96 x 48 x 130
	in	3.78 x 1.89 x 5.1
Weight	g	589.79
	lbs	1.3
Display	mm	LED 14 segment, 10 H
	in	LED 14 segment, 0.4 H
Panel Cutout - W x H	mm	92 x 45
	in	3.62 x 1.77

OPTIONS & ACCESSORIES

- Bench top enclosure
- Acrylic bench top tilt stand
- Remote peak/valley reset
- Software kit for display, setup & logging

STANDARD CONFIGURATION



MODEL 9860-1 W/9800-STAND (Shown)

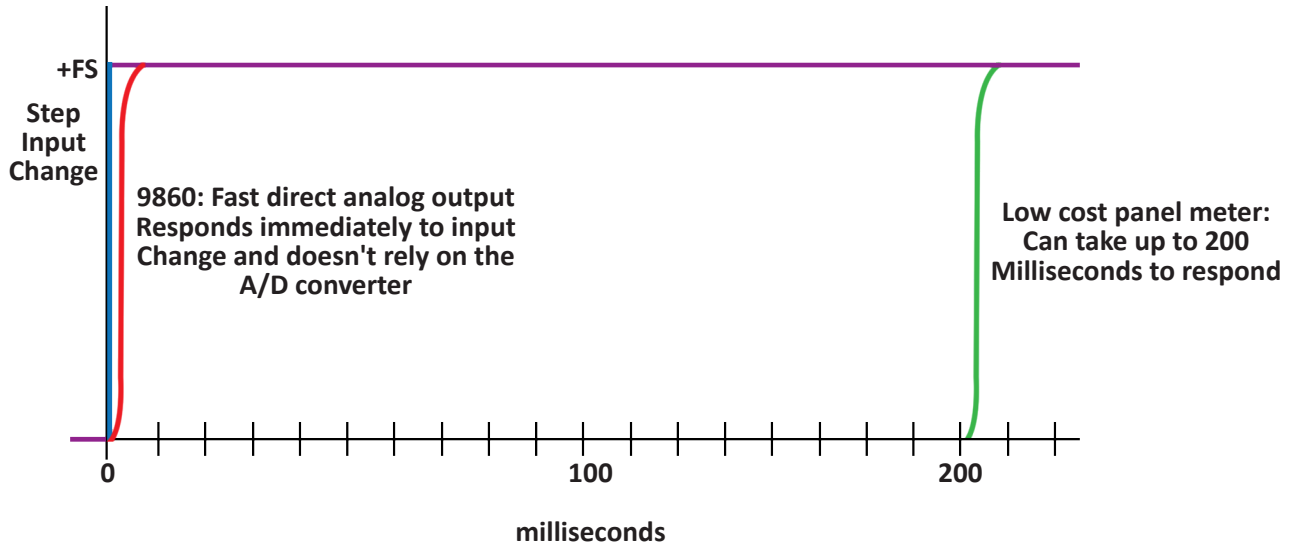


MODEL 9860-1 W/9860ASY-4T (Shown)

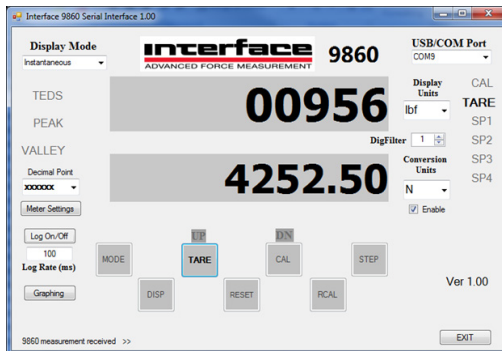
9860 TEDS HIGH SPEED SELF-CONFIGURING DIGITAL INDICATOR

KEY FEATURE

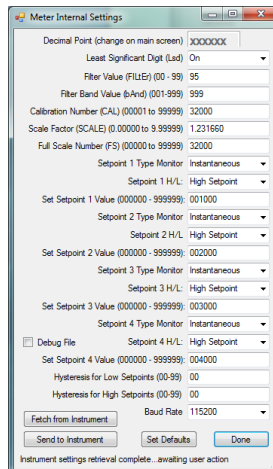
High Speed Direct Analog Output - Allows accurate capture of quickly changing events



SOFTWARE



Display



Set Up

	A	B	C
1	Date	Time	Reading
2	4/14/2014	16:16:57.7161-07:00	956
3	4/14/2014	16:16:57.8781-07:00	956
4	4/14/2014	16:16:57.9711-07:00	956
5	4/14/2014	16:16:58.0771-07:00	956
6	4/14/2014	16:16:58.1891-07:00	956
7	4/14/2014	16:16:58.3001-07:00	956
8	4/14/2014	16:16:58.3941-07:00	956
9	4/14/2014	16:16:58.5041-07:00	956
10	4/14/2014	16:16:58.6201-07:00	956
11	4/14/2014	16:16:58.7241-07:00	956
12	4/14/2014	16:16:58.8211-07:00	956
13	4/14/2014	16:16:58.9322-07:00	956
14	4/14/2014	16:16:59.0372-07:00	956
15	4/14/2014	16:16:59.1492-07:00	956
16	4/14/2014	16:16:59.2512-07:00	956
17	4/14/2014	16:16:59.3492-07:00	956

Logging