

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	5, 10 switch selectable (internal)	
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	°C	-10 to +50
	°F	+14 to +122
Relative Humidity – % °C (°F)	90% at 40 (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(in)	LED 14 segment, 10(0.4) H	
Panel Cutout - W x H	mm	92 x 45
	in	3.62 x 1.77

OPTIONS & ACCESSORIES

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

STANDARD CONFIGURATION



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

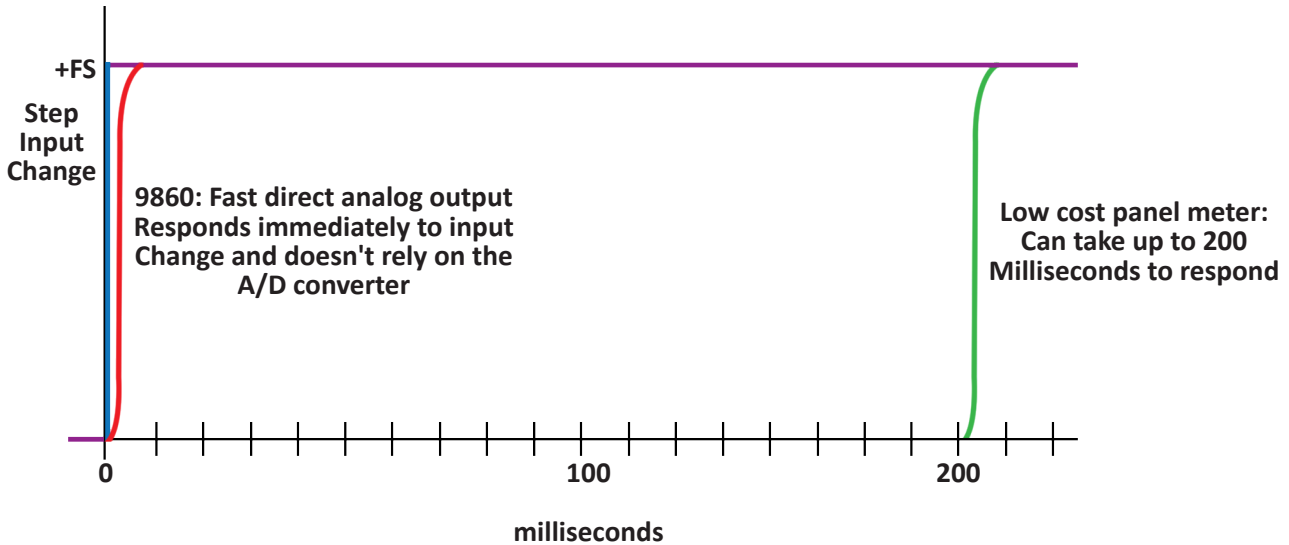


MODEL 9860-1 W/9860ASY-4T (Shown)

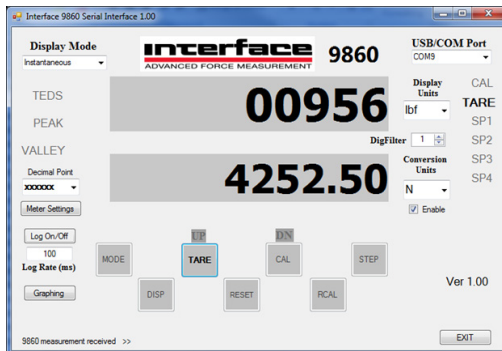
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KEY FEATURE

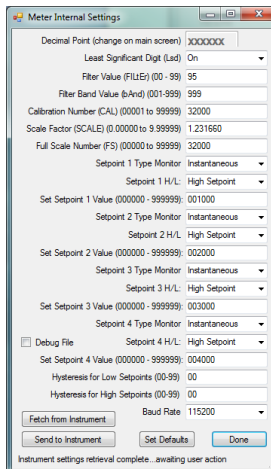
High Speed Direct Analog Output - Allows accurate capture of quickly changing events



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