

9850 MULTI-CHANNEL INDICATOR (U.S. AND METRIC)

FEATURES & BENEFITS

- High speed - 7800 samples/sec/channel
- Torque, speed, HP, load, angle, position display
- Works with torque sensors, load cells, encoders, LVDTs and speed pickups
- Powers up to 4 load cells
- 5 or 7-pole (based on input type) 200 Hz anti-alias filter plus 4-pole digital filters
- Includes graphical logging software
- RS232, RS422, RS485
- Max/Min capture
- Two-line backlit LCD display
- Math channel for calculated values
- User definable units
- Scalable analog outputs

AVAILABLE INPUT CHANNELS

- AC mV/V
- DC mV/V
- ± 5 or ± 10 VDC
- 4-20 mA current
- Frequency (speed)
- Encoder/totalizer (angle or position)
- LVDT (position)

OPTIONS

- Second transducer channel
- Input type
- DC power
- Panel mount kit

STANDARD CONFIGURATION



MODEL 9850-100-1 (Shown)

SPECIFICATIONS

TRANSDUCER EXCITATION/SUPPLY		
AC mV/V – V rms, Hz - %		3, 3030, ± 0.01
DC mV/V – VDC		5 or 10
± 5 or ± 10 VDC – V, mA		12, 220
4-20 mA – V, mA		15, 30
Frequency/Encoder/Totalizer – V, mA		5, 250 and/or 12, 125
LVDT – V rms		2, selectable frequency
OUTPUTS		
Serial Interface		RS232/RS422/RS485
Output – Analog, 12 bit – VDC		2 Scalable, ± 5 , or ± 10
Limits		HI/LO, per channel
PERFORMANCE		
Maximum Display Counts		10,000
Display Update / sec.		4
Internal Resolution – bits		± 14
Conversion Rate / sec.		7800
Maximum Error – %FS		0.02
ENVIRONMENTAL		
Operating Temperature	$^{\circ}\text{F}$	+41 to +122
	$^{\circ}\text{C}$	+5 to +50
Relative Humidity – MAX %	$^{\circ}\text{F}$	95(104), non-condensing
	$^{\circ}\text{C}$	95(40), non-condensing
POWER		
AC Power	VAC	90 to 250
	Hz (VA MAX)	50-60 (25)
DC Power – VDC (watts MAX)		10-15 (15)
MECHANICAL		
Dimensions – W x H x D	in	6.5 x 2.5 x 8.7
	mm	165.1 x 63.5 x 220.98
Weight	lbs	3
	kg	1.36078
Display		Backlit LCD