

4 CHANNEL 9840-400-1-T INTELLIGENT INDICATOR

FEATURES & BENEFITS

- TEDS Plug & Play Ready! IEE1451.4 compliant
- 4 channel
- Remote sense excitation
- 5 & 6 point linearization
- Bipolar
- $\pm 999,999$ display counts
- Nonlinearity $< \pm 0.005\%$
- Auto setup for multiple load cells
- Fast, direct analog output
- ± 10 VDC scalable analog output – 16 bit
- USB 2.0 serial communication
- Peak/valley hold with front panel reset
- Front panel and remote tare
- 8 selectable digital filters
- Auto zero
- Front panel shunt calibration with two selectable resistors
- Display units conversion: Lb, Kg, N, Psi, Mpa, Klb, KN, t, mV/V, lb-in, oz-in, Nm
- (2) Interactive 7" graphical touch screen displays
- Quadrature encoder channel available
- mV/V calibration
- Compatible with Gold Standard® Calibration Systems

POWER OPTIONS

- 9840-400-1-T 115 VAC
- 9840-400-2-T 230 VAC

OPTIONS

- Up to three additional 16-bit scalable analog outputs
- Display Freeze/Remote Display Freeze
- 4-20 mA analog output
- Quad Limits
- RS485
- Multi-drop RS232
- 7-pin circular load cell connector
- Encoder Channel
- Keylock
- High level input channel

STANDARD CONFIGURATION



MODEL 9840-400-1-T (Shown)

SPECIFICATIONS

EXCITATION		
Voltage – VDC		5 or 10
Current – MAX – mA		180
OUTPUTS		
Serial Interface		USB 2.0
Output – Analog, 16 bit – VDC		Scalable, ± 10
Output – Analog, Direct – Hz		1.5K BW
Output – Analog – mA		4–20 (optional)
Limits		Quad-programmable
PERFORMANCE		
Maximum Display Counts		$\pm 999,999$
Display Update / sec.		15 Hz
Internal Resolution – bits		24
Signal Input Range – mV/V		± 4.5
Programmable Count – by		1, 2, 5, 10, and 20
Conversion Rate / sec.		60
Maximum Error – %FS		0.01 ± 1 count
CMRR – dB		115
ENVIRONMENTAL		
Operating Temperature	°F	+32 to +122
	°C	0 to +50
Storage Temperature	°F	+14 to +140
	°C	-10 to +60
Relative Humidity – % MAX	°F	95 (104) non-condensing
	°C	95 (40) non-condensing
POWER		
AC Power – VAC, Hz		115 or 230, 50–60
DC Power (option)		Available as a special
Power Consumption – watts		120VAC, 2A; 230VAC, 1A
MECHANICAL		
Dimensions – W x H x D	in	17 x 5.25 x 10 (19 w/L-Brackets)
	mm	431.8 x 133.35 x 254 (482.6 w/L-Brackets)
Weight	lbs	9
	kg	4.08233
Display		(2) Interactive 7" graphical touch screen displays
Unit Annunciator		Lb, Kg, Klb, kN, N, mV/V, lbf-in, oz-in, Nm