

## 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
- ±999,999 display counts
- Nonlinearity < ±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	±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	110-120VAC/60Hz; 220-240VAC/50Hz	
DC Power (option)	Available as a special	
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	

International System of Units (SI) dimensions and capacities are provided for conversion only. Standard products have U.S. capacities and dimensions. SI capacities available upon special request and at an additional cost.