



FEATURES

- 21k point data logging
- Bridge resistance measurement
- Keypad options (Track/Hold - Peak/Valley Reset - Unit - Tare/Gross-Shunt - Channel - Display-Menu)
- First peak/first valley feature
- User friendly navigation menu
- Shunt calibration
- Universal unit conversion
- 14 Sensor profile storage
- Supports 1451.4 standard (TEDS template 30 and 33)

SPECIFICATIONS

PARAMETER	MIN	MAX	UNIT
Resolution		24	Bits
Noise Free Resolution		20	Bits
	-500,000	500,000	Counts
Selectable Rate	5	4800	Samples/second
High Accuracy (Better than)	-0.01	0.01	% of FSR
Bridge Resistance	30	30,000	Ohm
Compatible with SENSIT Version (or Higher)	2.2.4000.0		
21k Data Logging Points Available			

INPUT

PARAMETER	MIN	MAX	UNIT
Input Range 1	-500	500	mV/V nom
Input Range 2	-12	12	VDC
Input Range 3	0	30	mA

OUTPUT

PARAMETER	MIN	MAX	UNIT
Analog Voltage	0	5	VDC
	-5	5	VDC
Analog Current	0	20	mA
	4	20	mA
	0	25	mA
	5	25	mA

ENVIRONMENT

PARAMETER	MIN	MAX	UNIT
Operating Temperature	-4	158	°F
	-20	70	°C
Storage Temperature	-22	176	°F
	-30	80	°C

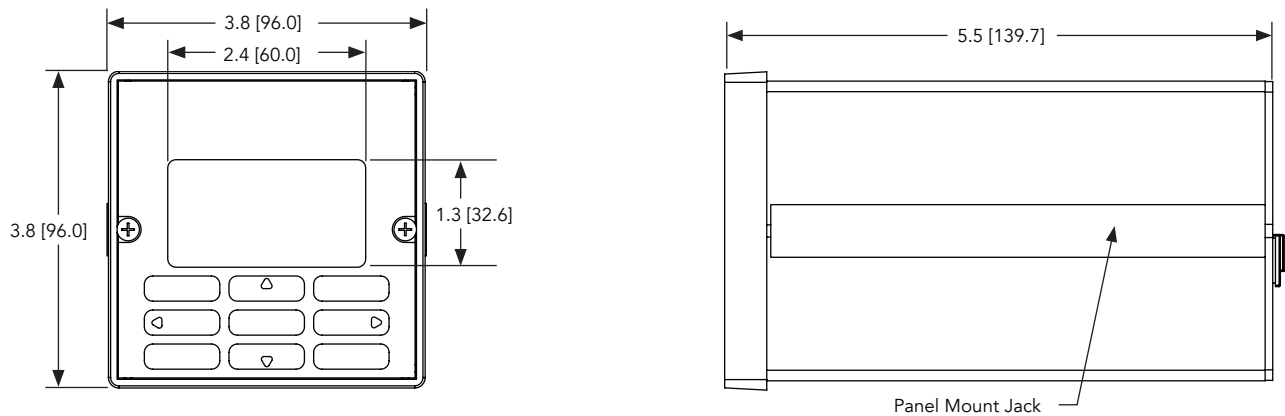
POWER ADAPTER

PARAMETER	
Input	90-264 VAC
Frequency	47-63 Hz
Input Current	0.35 A rms @ 120 VAC; 0.25 A @ 240 VAC
Output	15 VDC @ 1.2 A

CONFORMITY

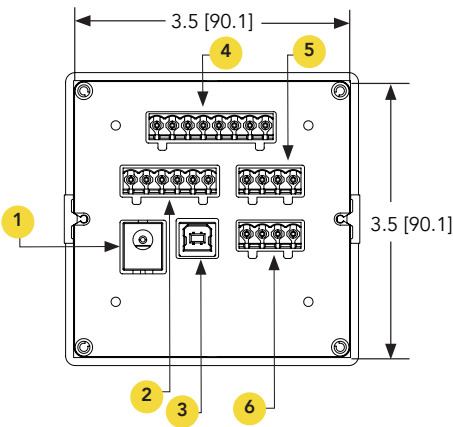
RoHS	2011/65/EU
CE	EN 61326-1:2006

DIMENSIONS inches [mm]

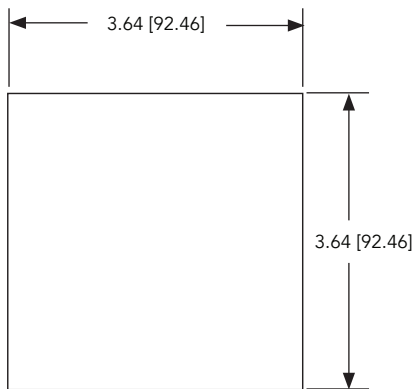


CONNECTORS

1	Input Power: 15 VDC $\pm$ 0.75 @ 1.2 A
2	Strain Gauge Input
3	USB Type B Socket
4	Amplified Input
5	Relays
6	Analog Output

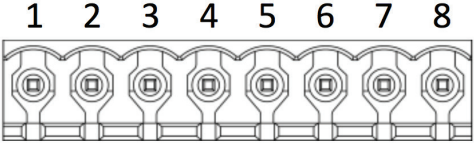


RECOMMENDED PANEL CUTOUT inches [mm]

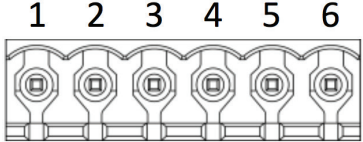


CONNECTORS & WIRING DIAGRAM

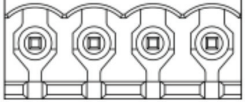
AMPLIFIED INPUT

PIN	SYMBOL	DESCRIPTION	DIAGRAM
1	G	Isolated Ground	
2	G	Isolated Ground	
3	24V OUT	24 VDC Output	
4	5V OUT	5 VDC Output	
5	-V	- Amplified Input	
6	+V	+ Amplified Input	
7	PLEAD	N/A	
8	PLAG	N/A	

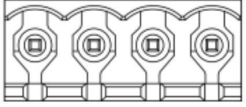
STRAIN GAUGE INPUT

PIN	SYMBOL	DESCRIPTION	DIAGRAM
1	G	Ground	
2	TEDS	TEDS Data	
3	-S	-Signal	
4	+S	+Signal	
5	-E	-Excitation	
6	+E	+Excitation	

RELAYS

PIN	SYMBOL	DESCRIPTION	DIAGRAM
1	-R2	Solid State Relay 2	
2	+R2	Solid State Relay 2	
3	-R1	Solid State Relay 1	
4	+R1	Solid State Relay 1	

ANALOG OUTPUT

PIN	SYMBOL	DESCRIPTION	DIAGRAM
1	-VOUT	Voltage Output (-)	
2	+VOUT	Voltage Output (+)	
3	G	Ground (Current)	
4	IOUT	Current Output	

Drawing Number: FI1340-I

FUTEK reserves the right to modify its design and specifications without notice.
Please visit <http://www.futek.com/salesterms> for complete terms and conditions.

10 Thomas, Irvine, CA 92618 USA

Tel: (949) 465-0900

Fax: (949) 465-0905

www.futek.com



RoHS



U.S. Manufacturer