

INF-USB2 Single Channel & SI-USB Dual Channel PC Interface Module

- Easy USB connection to Load and Torque Transducers
- Up to 5000 Sample/Second
- Graphing and Logging software included
- 16-bit resolution
- Data logged into MS Excel compatible CSV file format
- Shunt Cal trigger via software
- Works with mV/V, $\pm 5V$ DC and 4-20mA output transducers
- Environmentally sealed to IP67 (SI-USB IP40)



INF-USB2



SI-USB

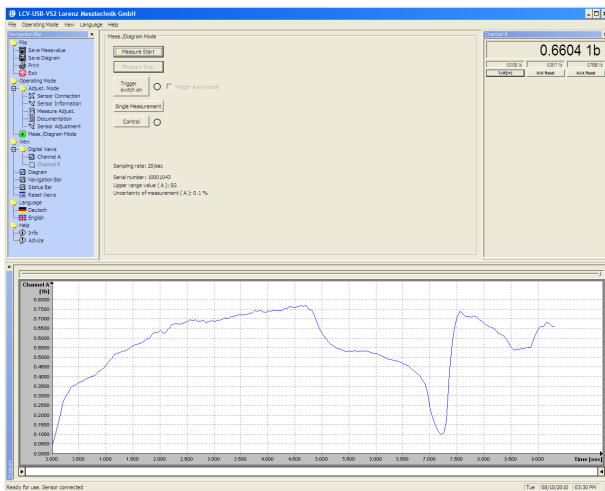
INPUT

Range	AVAILABLE INPUT RANGES		Excitation to Sensor	Input Resistance	AVAILABLE CONFIGURATIONS	
	Input	Counts			Single Channel	Dual Channel*
A	$\pm 5V$	$\pm 25,000$	12V, 80 mA	1.3 M Ω	INF-USB2-A	SI-USB-AA
B	4-20 mA	20,000	12V, 80 mA	62 Ω	INF-USB2-B	SI-USB-BB
C	± 4.5 mV/V	$\pm 30,000$	4V, 20 mA	200 G Ω	INF-USB2-C	SI-USB-CC
D	± 3 mV/V	$\pm 30,000$	4V, 20 mA	200 G Ω	INF-USB2-D	SI-USB-DD

*Mixed ranges also available. Example: SI-USB-AD.

SOFTWARE

System includes USB connection to computer and software. SI-USB additionally includes two mating connectors.



INF-USB2 Software

SPECIFICATIONS

POWER	
INF-USB2 (from USB)	5 VDC, 350mA
SI-USB (AC Adapter Supplied)	24 VDC
PERFORMANCE	
Measuring Rate:	
- Internal Sample Rate	5000/sec
- Software Selectable	1/min to 2500/sec
Temperature Drift	4 counts/10°C
Nonlinearity	0.1%
Accuracy	0.1%
Zero Point	0 counts
Nominal temperature range	+10 to +40°C
Operating temperature range	0 to +50°C
Storage temperature range	-10 to +70°C
Max cable length to sensor	3m
Max USB cable length	5m
SOFTWARE	Windows XP, Vista or 7
INF-USB2 DIMENSIONS	4" long x 1" diam
SI-USB DIMENSIONS	4.9" L x 3.1" W x 2.2" H