

INF-USB2 SINGLE CHANNEL USB INTERFACE MODULE

FEATURES & BENEFITS

- 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 calibration trigger via software
- Works with mV/V, $\pm 5\text{VDC}$ and 4-20mA output transducers
- Environmentally sealed to IP67

SPECIFICATIONS

POWER		
From USB – VDC, mA		5, 350
PERFORMANCE		
Measuring Rate	Internal Sample Rate/sec	5000
	Software Selectable/min – /sec	1 to 2500
Temperature Drift	$^{\circ}\text{C}$	4 counts/(+10)
	$^{\circ}\text{F}$	4 counts/(+50)
Nonlinearity – %		0.1
Accuracy – %		0.1
Zero Point – counts		0
ENVIRONMENTAL		
Nominal temperature range	$^{\circ}\text{C}$	+10 to +40
	$^{\circ}\text{F}$	+50 to +104
Operating temperature range	$^{\circ}\text{C}$	0 to +50
	$^{\circ}\text{F}$	+32 to +122
Storage temperature range	$^{\circ}\text{C}$	-10 to +70
	$^{\circ}\text{F}$	+14 to +158

INPUT

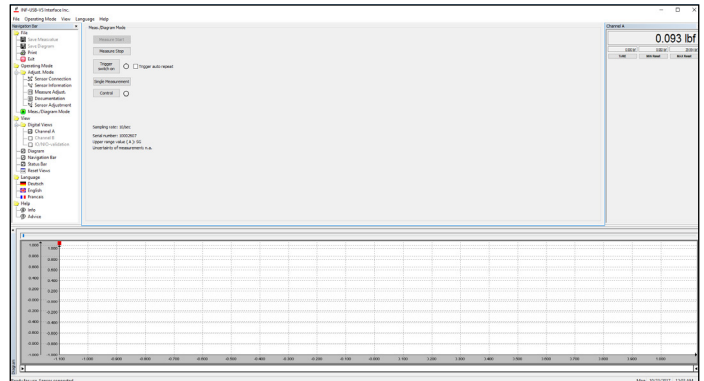
AVAILABLE INPUT RANGES			EXCITATION TO SENSOR	INPUT RESISTANCE	AVAILABLE CONFIGURATIONS
Range	Input	Counts			Single Channel
A	$\pm 5\text{ V}$	$\pm 25,000$	12V, 80 mA	1.3 M Ω	INF-USB2-A
B	4-20 mA	20,000	12V, 80 mA	62 Ω	INF-USB2-B
C	$\pm 4.5\text{ mV/V}$	$\pm 30,000$	4V, 20 mA	200 G Ω	INF-USB2-C
D	$\pm 3\text{ mV/V}$	$\pm 30,000$	4V, 20 mA	200 G Ω	INF-USB2-D

STANDARD CONFIGURATION

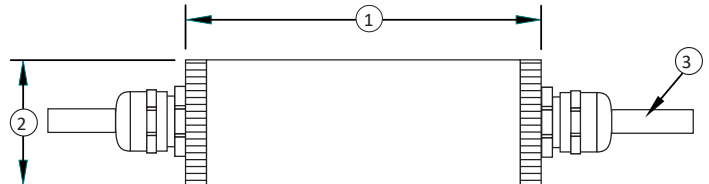


INF-USB2 (Shown)

SOFTWARE



- Windows XP, Vista 7, 8 or 10
- System includes USB connection to computer and software



DIMENSIONS

1		2		3	
mm	in	mm	in	m	in
101.6	4.00	$\varnothing 25.4$	$\varnothing 0.98$	5	196.8